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CANSAP DATA
SUMMARY

SOMMAIRE DES
DONNEES DU
RCEP

1981



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CANSAP DATA
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SOMMAIRE DES
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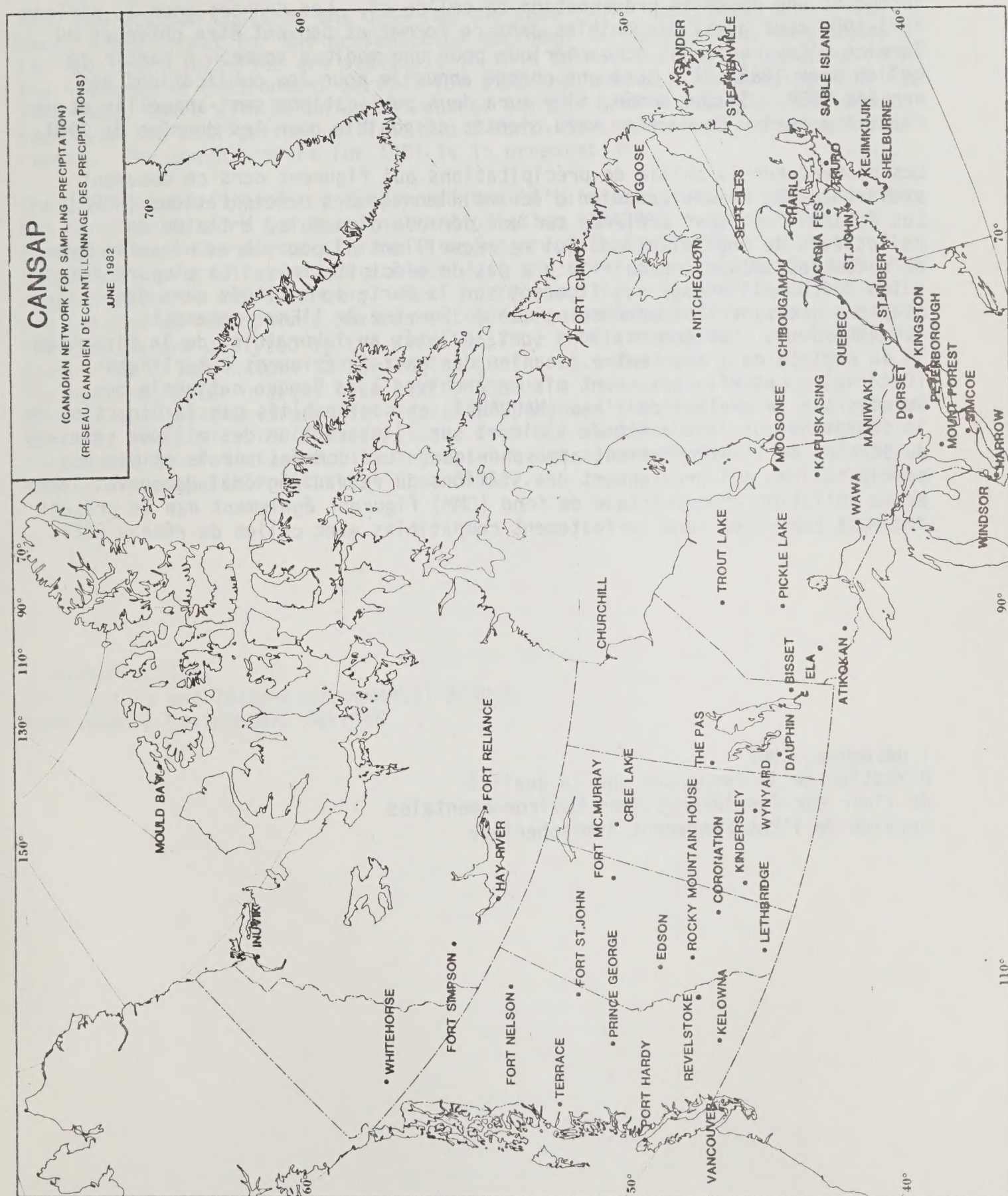


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(CANADIAN NETWORK FOR SAMPLING PRECIPITATION)
(RESEAU CANADIEN D'ÉCHANTILLONNAGE DES PRÉCIPITATIONS)

JUNE 1982



SOMMAIRE DES DONNEES DU RCEP

On a inclus, dans cette publication, les données pour l'année 1981. Elle introduit une nouvelle présentation de celles-ci. Les données pour la période 1977-1980 sont aussi disponibles dans ce format et peuvent être obtenues du Service d'Environnement Atmosphérique pour une modique somme. A partir de celles pour 1982, il y aura une charge annuelle pour les publications des données RCEP. Chaque année, il y aura deux publications semi-annuelles et un rapport annuel. Ce dernier sera bientôt disponible pour les données de 1981.

Les données sur la chimie de précipitations qui figurent dans ce document proviennent du réseau canadien d'échantillonnage des précipitations (RCEP). Les échantillons sont prélevés sur une période d'un mois, à l'aide de collecteurs de précipitations qui ne recueillent ni poussières ni autre type de retombées sèches lorsqu'il n'y a pas de précipitations. La plupart des sites d'échantillonnage qui figurent sur la carte sont situés dans des stations d'observation météorologique du Service de l'Environnement Atmosphérique. Les échantillons sont analysés au laboratoire de la Direction de la qualité de l'eau Centre canadien des eaux intérieures à Burlington (Ontario). Les résultats sont mis en archives à la Banque nationale des données sur la qualité de l'eau (NAQUADAT) et sont publiés par la Direction de la recherche sur la qualité de l'air et sur l'interaction des milieux relevant du Service de l'Environnement atmosphérique. Les données sur la chimie des précipitations qui proviennent des stations du réseau régional de surveillance de la pollution atmosphérique de fond (OMM) figurent également dans le présent document car elles sont parfaitement compatibles avec celles du réseau RCEP.

1 décembre, 1982
Direction de la recherche sur la qualité
de l'air sur les Interactions Environnementales
Service de l'Environnement Atmosphérique

CANSAP DATA SUMMARY

This publication contains the data for the year 1981. Beginning with these data, a new format for the presentation has been initiated. The data summary for the years 1977-1980 are available in this format and can be obtained from the Atmospheric Environment Service for a nominal charge. Commencing with the 1982 data, there will be an annual charge for the CANSAP data publications. Each year the publications will be two 6-month data summaries and an annual report. The annual report for 1981 is in preparation.

The precipitation chemistry data presented in this document were generated by the Canadian Network for Sampling Precipitation (CANSAP). The samples are collected over the period of a month using precipitation collectors that sample only precipitation and exclude dust and other types of dry fallout when precipitation is not occurring. Most of the sampling sites shown on the map are located at Atmospheric Environment Service Weather Observing Stations. The samples are analyzed by the Water Quality Branch Laboratory at the Canada Centre for Inland Waters in Burlington (Ontario). The data are archived in the National Water Quality Data Bank (NAQUADAT) and are published by the Air Quality and Inter-Environmental Research Branch of the Atmospheric Environment Service. Precipitation chemistry data from the stations in the WMO Regional Background Air Pollution Monitoring Network are also included since they are completely compatible with that from CANSAP.

1 December, 1982

Air Quality and Inter-Environmental Branch
Atmospheric Environment Service

Méthode d'analyse chimique

Variable	Méthode d'analyse*	Unités	Limite de détection
pH	Electrométrie. Le pH de l'échantillon est mesuré à l'aide d'un pH-mètre étalonné avec des solutions tampons standards. Electrodes de verre et à calomel ($\text{Hg}_2 \text{Cl}_2$)	pH	--
Conductivité	Mesurée à l'aide d'un conductivimètre à électrodes de platine réglé pour 25°C.	$\mu\text{S/cm}$	0,2
Sulfate (dissous)	Colorimétrie sur un auto-analyseur avec BaCl_2 et bleu de méthylthymol. Une solution équimolaire de Ba Cl_2 et de bleu de méthylthymol réagit sur l'ion SO_4 à un pH compris entre 2,3 et 3,0. On porte le pH à 12,5-13,0 et la Ba en excès réagit avec le bleu de méthylthymol. L'absorptivité du bleu de méthylthymol en excès se mesure à 460 nm.	mg/l	0,2
Nitrite/ nitrite (azote dissous)	Colorimétrie sur un auto-analyseur. On passe une partie aliquote de l'échantillon mélangée à une solution tampon de $\text{NH}_4 \text{Cl NH}_4 \text{OH}$ (pH 5,5) par une colonne de limailles de Cu-Cd. On ajoute alors une solution de sulfanilamide, de dihydrochlorure de N-naphtyl-1-éthylène-diamine, et de H_3PO_4 , pour former un colorant azolique. L'intensité de la coloration se mesure à l'aide d'un spectrophotomètre à 550 nm et se compare à des solutions ioniques standards de NO_3 et NO_2 .	mg/l	0,005
Ammoniac (azote dissous)	Méthode colorimétrique sur un auto-analyseur avec de l'alkylphénol, du tartrate de sodium et de potassium et du NaClO (réaction de Berthelot) à 660 nm.	mg/l	0,001
Magnésium	Absorption atomique par aspiration directe. Une partie aliquote de l'échantillon est mélangée à une solution standard de LaCl_3 . La solution est aspirée. L'absorption se mesure au spectrophotomètre à 285,2 nm et se compare à celle de solutions standards de Mg. On utilise une flamme réductrice acétylène-air.	mg/l	0,01

* Les échantillons sont décantés si des particules de matière y sont visibles.

Chemical Analysis Methods

Variable	Analysis Method*	Reporting Unit	Detection Limit
pH	Electrometric. The pH of the sample is measured using a pH meter which has been calibrated with standard pH buffer solutions. Glass and calomel ($\text{Hg}_2 \text{Cl}_2$ electrodes are used.)	pH units	--
Conductance	Measured using a conductivity meter with platinum electrodes and corrected to 25C.	$\mu\text{S/cm}$	0.2
Sulphate (dissolved)	Colourimetry on autoanalyzer with Ba Cl_2 and methylthymol blue. SO_4^{2-} ion is reacted with an equimolar solution of Ba Cl_2 and methylthymol blue at pH 2.3-3.0. The pH is raised to 12.5-13.0 where excess Ba reacts with the methylthymol blue. The absorbance of excess methylthymol blue is measured at 460 nm.	mg/l	0.2
Nitrate/ Nitrite (dissolved nitrogen)	Colourimetry on an autoanalyzer. An aliquot of the sample is mixed with an NH_4Cl - NH_4OH buffer solution (pH 5.5) and passed through a column of Cu-Cd filings. A solution of sulphanilamide, N-1 Naphthylethylenediamine dihydrochloride and H_3PO_4 is then added to the sample to form an azo dye. The intensity of the dye is measured spectrophotometrically at 550 nm and compared with standard solutions of NO_3 and NO_2 ions.	mg/l	0.005
Ammonia (dissolved nitrogen)	Colorimetric method of an autoanalyzer with alkaline phenol, potassium sodium tartrate, and NaClO (Berthelot Reaction) at 660 nm.	mg/l	0.001
Magnesium (dissolved)	Atomic absorption by direct aspiration. A sample aliquot is mixed with a standard LaCl_3 solution. The solution is aspirated. The absorption at 285.2 nm is measured spectrophotometrically and compared with those of standard Mg solutions. An acetylene-air reducing flame is used.	mg/l	0.01

* Samples are decanted if particulate matter is visible in the sample.

Sodium (dissous)	Photométrie de flamme, étalon incorporé à l'auto-analyseur. Une partie aliquote de l'échantillon est mélangée à une solution de LiNO_3 et, au besoin, dialysée dans de l'eau distillée. Cette solution est aspirée dans un photomètre à flamme. L'émission de lumière est mesurée à 589 nm et comparée à celle d'un étalon de Li incorporé, calibré à 671 nm. Le photomètre à flamme est étalonné par comparaison de solutions standards de sodium à l'étalon incorporé de Li. On utilise une flamme oxydante de gaz naturel-O_2.	mg/l	0,02
Chlorure (dissous)	Colorimétrie sur un auto-analyseur avec du nitrate de fer et du thio-cyanate de mercure. Une partie aliquote du filtrat est mélangée de $\text{Hg}(\text{SCN})_2$ et de $\text{Fe}(\text{NO}_3)_3$. La couleur qui en résulte est mesurée au spectrophotomètre à 489 nm et comparée à des solutions étalon d'ions chlorure préparées de la même façon, et à des solutions de réactifs.	mg/l	0,05
Potassium (dissous)	Photométrie de flamme, étalon incorporé à l'auto-analyseur. Une partie aliquote de l'échantillon est alors mélangée à une solution de LiNO_3 et, au besoin, dialysée dans de l'eau distillée. Cette solution est aspirée dans un photomètre à flamme. L'émission du lumière est mesurée à 768 nm et comparée à celle de l'étalon de Li incorporé, calibré à 671 nm. Le photomètre de flamme est étalonné à l'aide de solutions de potassium standards et des étalons de Li incorporés. On utilise une flamme oxydante de gaz naturel - O_2.	mg/l	0,02
Calcium (dissous)	Absorption atomique. On ajoute du LaCl_3 à une partie aliquote du filtrat qui est ensuite aspirée. L'absorptivité se mesure au spectrophotomètre à 422,7 nm et se compare à celle de solutions standards de calcium et à une solution de réactif.	mg/l	0,01

Sodium (dissolved)	Flame photometry with internal standard on an autoanalyzer. A sample aliquot is mixed with a LiNO_3 solution and if necessary, dialyzed into distilled water. This solution is aspirated in a flame photometer. The light emission is measured at 589 nm and compared with that of an internal Li standard at 671 nm. The flame photo-meter is calibrated using standard sodium solutions with internal Li standards. A natural gas-O_2 oxidizing flame is used.	mg/l	0.02
Chloride (dissolved)	Colourimetry on an autoanalyzer using ferric nitrate and mercury thiocyanate. An aliquot of the filtrate is mixed with a pre-mixed solution containing $\text{Hg} - (\text{SCN})_2$ and $\text{Fe}(\text{NO}_3)_3$. The resulting color is measured spectrophotometrically at 489 nm and compared with identically prepared standard chloride ion solutions and reagent blanks.	mg/l	0.05
Potassium (dissolved)	Flame photometry by internal standard on an autoanalyzer. A sample aliquot is then mixed with LiNO_3 solution and if necessary, dialyzed into distilled water. This solution is aspirated into a flame photometer. The light emission is measured at 768 nm and compared with that of the internal Li standard at 671 nm. The flame photometer is calibrated using standard potassium solutions with Li internal standards. A natural gas - O_2 oxidizing flame is used.	mg/l	0.02
Calcium (dissolved)	Atomic absorption. LaCl_3 is added to a filtrate aliquot which is then aspirated. The absorbance is measured spectrophotometrically at 422.7 nm and compared with those of standard calcium solutions and a reagent blank.	mg/l	0.05

GUIDES DES DONNEES

Jours	nombre de jours de collecte de l'échantillon.
Hauteur recueillie dans le collecteur: (PREC. C)	hauteur, exprimée en centimètres d'eau, de précipitations recueillies dans le collecteur au cours de la période de collecte.
Hauteur recueillie dans le pluviomètre standard (PREC. S)	hauteur, exprimée en centimètres d'eau, de précipitations recueillies dans le pluviomètre standard au site de prélèvement au cours de la période de collecte.
pH	Logarithme négatif de la concentration en ions hydrogènes libres: exprimé en unités pH.
Conductivité électrique:	conductivité électrique exprimée en micro-Siemens par centimètre.
Sulfate (SO_4^-) Nitrate (NO_3^-) Chlorure (Cl^-) Ammonium (NH_4^+) Sodium (Na^+) Potassium (K^+) Potassium (K^+) Magnésium (Mg^{++}) Calcium (Ca^{++})	concentration en ions exprimée en milligramms par litre NOTE: Les échelles des graphiques (AXE VERTICAL) sont différentes pour chaque espèce chimique et chaque station, à l'exception du pH.
IONB +/-	Le rapport entre les ions positifs et négatifs où on utilise la moitié de la limite de détection pour les valeurs sous cette dernière (SLD). Si la somme des limites de détection pour les cations (anions) sous celle-ci est supérieure à 10% la somme des autres cations (anions), le calcul n'est pas fait.
Remarques:	chaque chiffre correspond à une remarque du contrôle de la qualité: 0 - aucune remarque 1 - présence visible de terre dans l'échantillon 2 - matière organique visible dans l'échantillon (algues, feuilles, etc.) 3 - présence d'un ou plusieurs insectes dans l'échantillon 4 - action importante de l'évaporation sur l'échantillon 5 - suppression d'une ou plusieurs données 6 - présence de sel de mer dans l'échantillon 7 - période de collecte inférieure ou égale à 21 jours du mois 8 - collection manuelle exclusivement pendant les périodes de précipitations. 9 - échantillon insuffisant pour analyse complète

Détails d'écriture dans les tableaux:

- i) un espace indique qu'une donnée n'est pas disponible;
- ii) le mot "DELETE" indique qu'une donnée a été supprimée;
- iii) SLD indique que la concentration d'un élément donné est inférieure à la limite de détection de la méthode d'analyse utilisée
- iv) pour l'ammoniac, on inscrit 0.00 si la valeur est inférieure à 0.005.

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GUIDE TO DATA

Days	the number of days over which the sample was collected.
Catch of Collector: (PREC. C)	the amount of precipitation collected by the collector over the sampling period, expressed in centimeters of water.
Catch of Standard: (PREC. S)	the amount of precipitation collected by the standard gauge at the collection site over the sampling period, express in centimeters of water.
pH:	the negative logarithm of the free hydrogen ion concentration. Expressed in pH units.
Conductance:	the specific conductance expressed in microsiemens per centimeter.
Sulphate (SO_4^{--}) Nitrate (NO_3^-) Chloride (Cl^-) Ammonium (NH_4^+) Sodium (Na^+) Potassium (K^+) Magnesium (Mg^{++}) Calcium (Ca^{++})	ion concentrations expressed in milligrams per litre NOTE: Different graphical scales used for each species foreach station except for pH.
IONB +/-	the ratio of positive to negative ions where BDL is taken as half of the detection limit. If the summation of the positive (or negative) BDL is greater than 10% of the positive (or negative) ion summations, a calculation is not made.
Comment:	each digit refers to a comment arising from the quality control procedures and is explained below: 0 - No comment required 1 - Soil was visible in the sample 2 - Organic matter (algae, leaves, etc) was visible in the sample 3 - One or more insects were noted in the sample 4 - There appear to be significant evaporation effects on the sample 5 - One or more datum have been deleted 6 - Sea salts were present in the sample 7 - The sampling period was less than or equal to 21 days of the month 8 - Manual Wet-only collector 9 - Insufficient sample was available for a complete analysis
Items in tables:	i) a blank space indicates that a datum was not available ii) the work "DELETE" indicates that a datum was deleted iii) BDL indicates that the concentration of a given species was below the detection limit of the analysis method used. iv) for Ammonium a value of 0.00 is printed if the reported value was less than 0.005.

 * CANSAP STATIONS NETWORK 1981 *
 * STATIONS DU RESEAU RCEP EN 1981 *

STATION	PROV.	LAT.	LONG.	ELEV.	START DEBUT	STATION	PROV.	LAT.	LONG.	ELEV.	START DEBUT
		DEG MIN	DEG MIN	METERS	YR MO			DEG MIN	DEG MIN	METERS	YR MO
				METRES	AN MO					METRES	AN MO
FORT RELIANCE	NW	62 43	109 10	165	77 07	ELA	ON	49 40	093 43	370	79 08
HAY RIVER	NW	60 50	115 47	167	80 02	HARROW	ON	42 02	082 54	192	80 01
INUUVIK	NW	68 18	133 29	069	77 06	KAPUSKASING	ON	49 24	082 26	219	79 10
MOULD BAY	NW	76 14	119 19	016	75 01	KINGSTON	ON	44 13	076 36	094	77 05
WHITEHORSE	YT	60 43	135 04	704	77 07	MOOSONEE	ON	51 16	080 39	011	77 05
FORT NELSON	BC	58 50	122 36	383	77 06	MOUNT FOREST	ON	43 59	080 45	416	73 07
FORT ST JOHN	BC	56 14	120 44	696	77 06	PETERBOROUGH	ON	44 14	078 22	192	77 05
KELOWNA	BC	49 58	119 23	431	77 05	PICKLE LAKE	ON	51 28	090 12	370	77 02
FORT HARDY	BC	50 41	127 22	023	77 05	SIMCOE	ON	42 51	080 16	242	77 05
PRINCE GEORGE	BC	53 53	122 41	692	77 04	TROUT LAKE	ON	53 50	089 52	221	77 05
REVELSTOKE	BC	50 58	118 11	444	79 09	CHIBOUGANAU	QU	49 49	074 25	403	77 04
TERRACE	BC	54 28	128 35	218	77 04	FORT CHIMO	QU	58 06	068 25	037	77 04
VANCOUVER	BC	49 11	123 11	003	77 07	MANIWAKI	QU	46 23	075 58	171	75 05
CORONATION	AL	52 04	111 27	792	77 04	NITCHEQUON	QU	53 12	070 54	537	77 04
EDSON	AL	53 35	116 27	926	74 01	QUEBEC CITY	QU	46 48	071 24	074	77 04
FORT MCMURRAY	AL	56 39	111 13	370	77 05	ST HUBERT	QU	45 31	073 25	028	77 04
LETHBRIDGE	AL	49 38	112 48	930	77 05	SEPT ISLES	QU	50 13	066 15	054	77 04
ROCKY MTN HOUSE	AL	52 26	114 55	989	77 05	ACADIA FES	NB	46 00	066 22	062	79 11
CREE LAKE	SA	57 21	107 08	500	77 05	CHARLO	NB	48 00	066 20	039	77 05
KINDERSLEY	SA	51 28	109 10	684	77 04	SAINT JOHN	NB	45 19	065 53	110	77 05
WYNWARD	SA	51 46	104 12	562	74 02	KEJIMIKUJIK	NS	44 26	065 12	128	78 06
BISSETT	MA	51 02	095 40	259	77 05	SABLE ISLAND	NS	43 56	060 01	005	75 03
CHURCHILL	MA	58 45	094 04	031	77 06	SHELburne	NS	43 43	065 15	031	75 04
DAUPHIN	MA	51 06	100 03	306	77 04	TRURO	NS	45 22	063 16	041	77 05
THE PAS	MA	53 58	101 06	274	77 05	GANDER	NF	48 57	054 34	152	77 05
ATIKOKAN	ON	48 45	091 37	394	77 04	GOOSE	NF	53 18	060 22	037	77 07
DORSET	ON	45 13	078 56	324	79 07	STEPHENVILLE	NF	48 32	058 33	027	77 05

STATION : FORT RELIANCE
1981

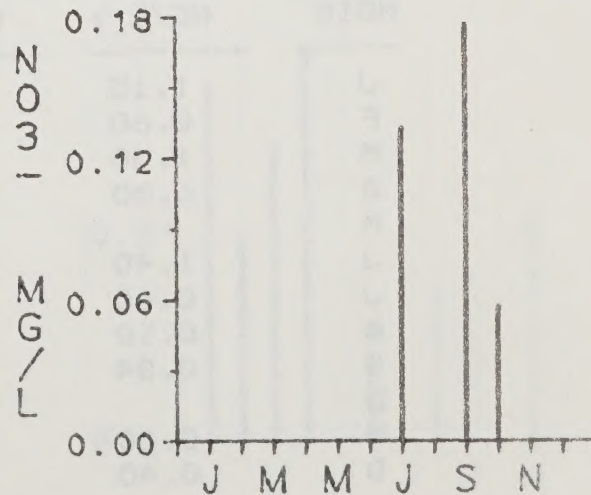
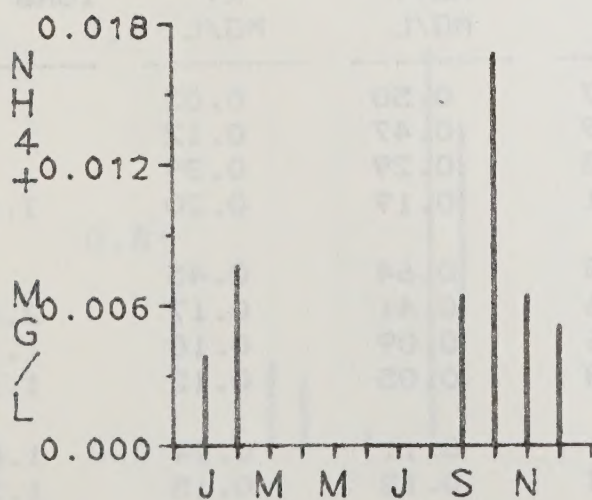
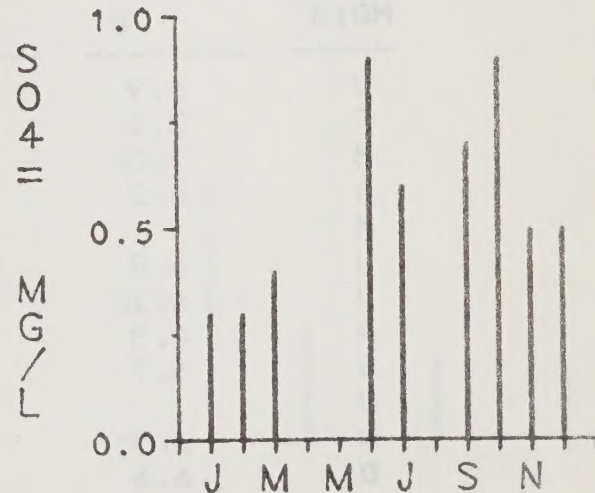
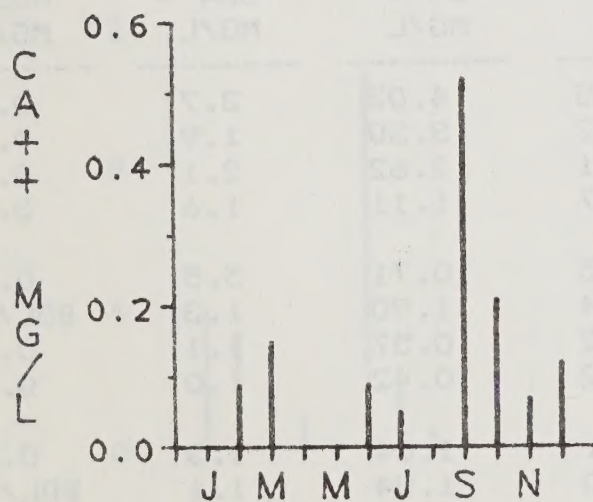
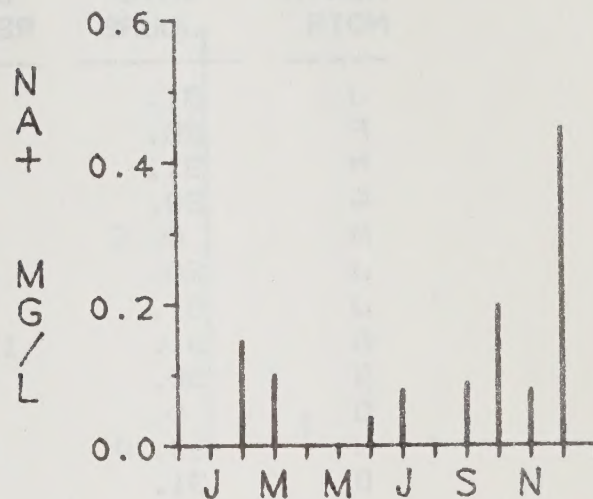
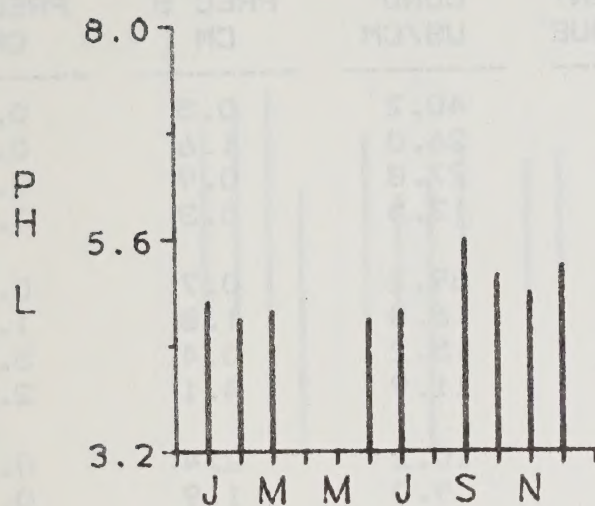
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	2.	8.9	0.5	0.7
F	28.	1.	10.0	1.1	0.6
M	31.	1.	9.2	1.9	0.8
A	0.				
M	0.				
J	30.	2.	11.3	6.6	5.7
J	31.	0.	9.3	4.9	3.9
A	0.				
S	30.	2.	4.8	3.2	2.7
O	31.	25.	5.9	0.9	0.6
N	30.	2.	6.5	1.1	0.8
D	31.	0.	6.7	0.9	0.3

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	4.9	0.00	BDL/SLD	0.3	BDL/SLD
F	4.7	0.01	0.09	0.3	BDL/SLD
M	4.8	BDL/SLD	0.15	0.4	BDL/SLD
A					
M					
J	4.7	BDL/SLD	0.09	0.9	BDL/SLD
J	4.8	BDL/SLD	0.05	0.6	0.13
A					
S	5.6	0.01	0.52	0.7	0.18
O	5.2	0.02	0.21	0.9	0.06
N	5.0	0.01	0.07	0.5	BDL/SLD
D	5.3	0.01	0.12	0.5	BDL/SLD

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.28	BDL/SLD	BDL/SLD	DEL/ELIM	
F	BDL/SLD	0.15	0.02	0.04	
M	0.60	0.10	0.02	0.02	1.2
A					
M					
J	0.30	0.04	0.01	BDL/SLD	1.0
J	BDL/SLD	0.08	0.02	BDL/SLD	1.6
A					
S	0.23	0.09	BDL/SLD	BDL/SLD	1.3
O	DEL/ELIM	0.20	0.02	0.02	
N	0.10	0.08	BDL/SLD	0.04	1.4
D	0.30	0.45	0.02	0.06	1.8

FORT RELIANCE

1981



STATION : HAY RIVER
1981

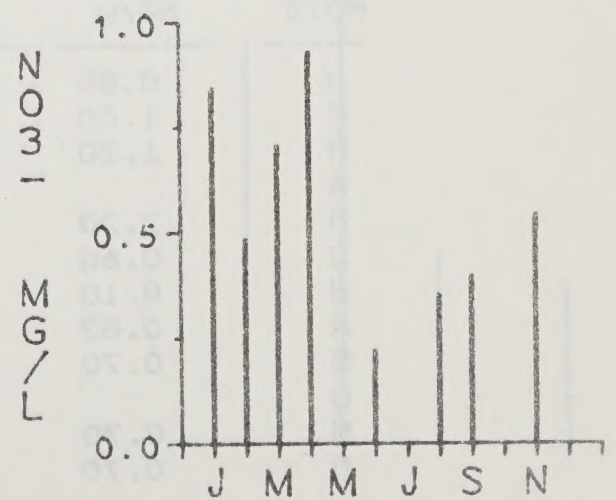
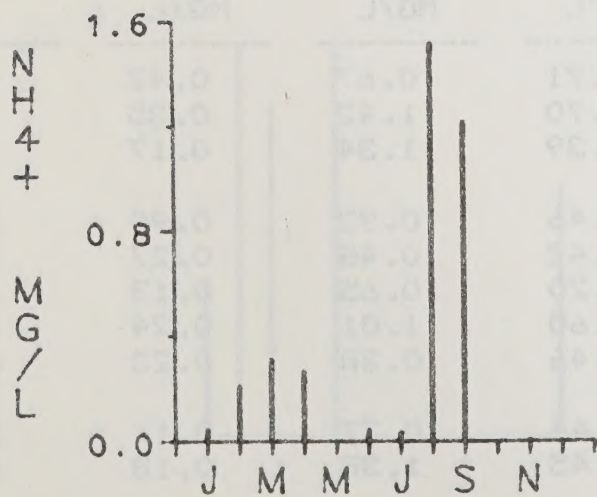
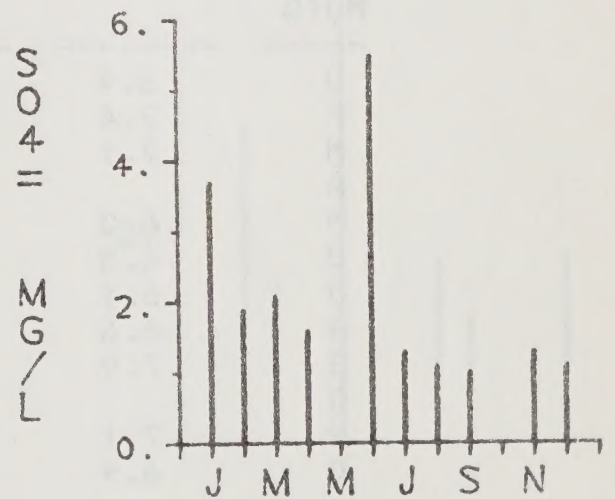
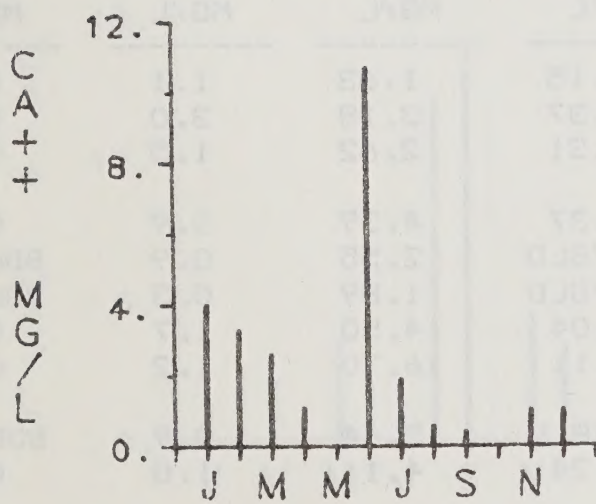
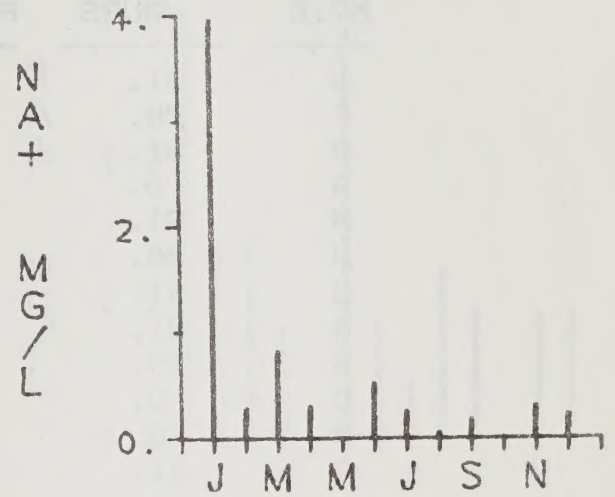
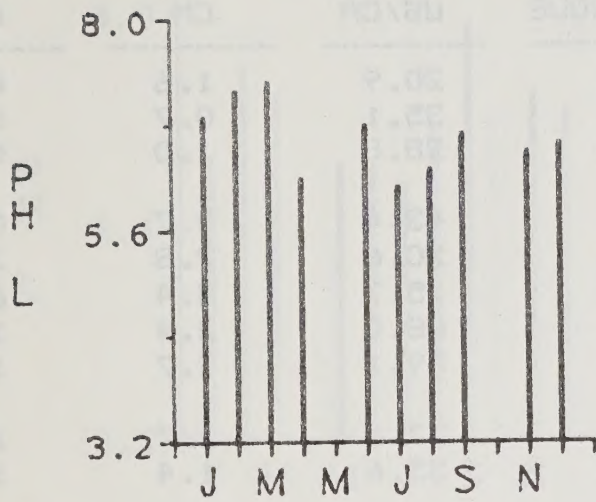
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	12.	40.2	0.5	0.2
F	28.	1.	26.0	1.6	0.3
M	31.	1.	27.8	0.9	0.2
A	30.	1.	12.5	5.3	1.6
M	0.				
J	30.	12.	69.2	0.7	0.2
J	31.	12.	16.8	1.8	1.1
A	31.	123.	15.2	5.4	5.0
S	30.	12.	11.9	4.1	2.8
O	0.				
N	30.	12.	10.2	2.4	0.4
D	31.	1.	9.0	1.9	0.4

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	6.9	0.05	4.03	3.7	0.85
F	7.2	0.22	3.30	1.9	0.49
M	7.3	0.31	2.62	2.1	0.71
A	6.2	0.27	1.11	1.6	0.93
M					
J	6.8	0.05	10.71	5.5	0.22
J	6.1	0.04	1.90	1.3	BDL/SLD
A	6.3	1.52	0.57	1.1	0.35
S	6.7	1.22	0.42	1.0	0.40
O					
N	6.5	0.01	1.04	1.3	0.54
D	6.6	0.00	1.04	1.1	BDL/SLD

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.15	3.97	0.50	0.05	
F	0.60	0.29	0.47	0.12	
M	1.30	0.83	0.29	0.39	
A	0.50	0.31	0.19	0.20	1.4
M					
J	1.40	0.53	0.64	0.45	
J	0.60	0.26	0.41	0.17	2.6
A	0.10	0.06	0.09	0.10	1.1
S	0.34	0.18	0.05	0.12	1.1
O					
N	0.60	0.31	0.11	0.24	1.0
D	0.40	0.23	0.13	0.15	1.3

HAY RIVER

1981



STATION : INUVIK
1981

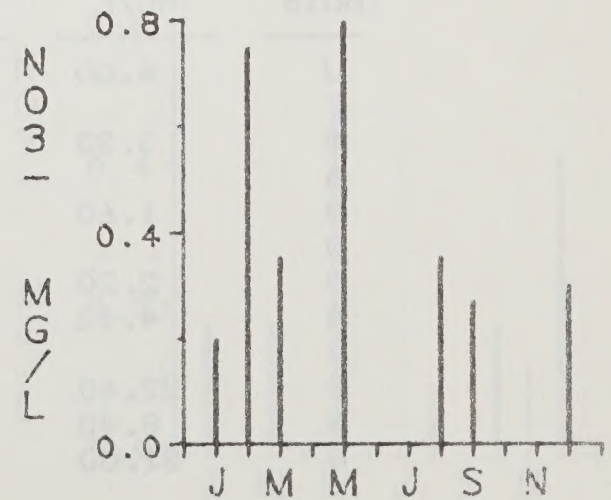
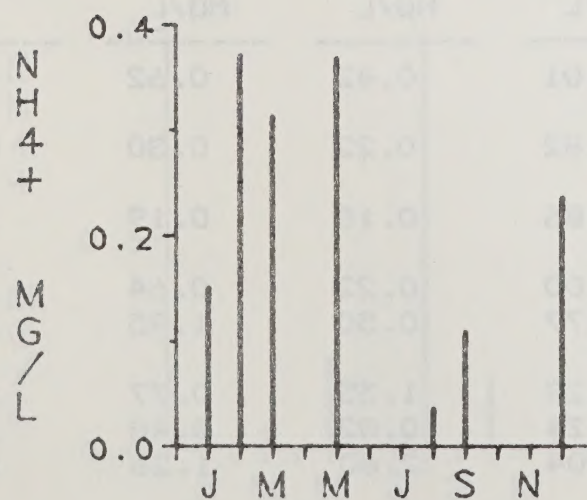
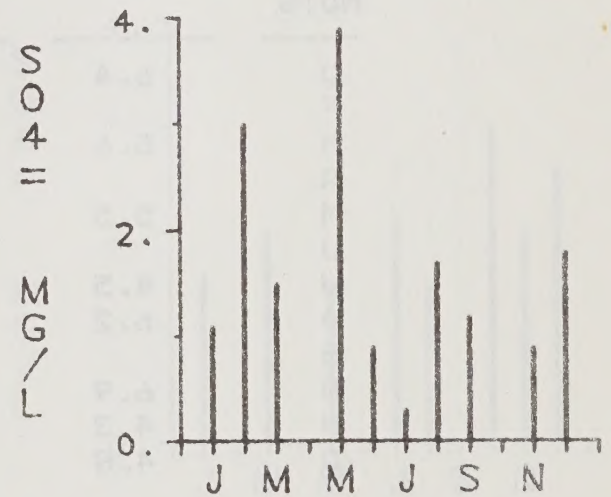
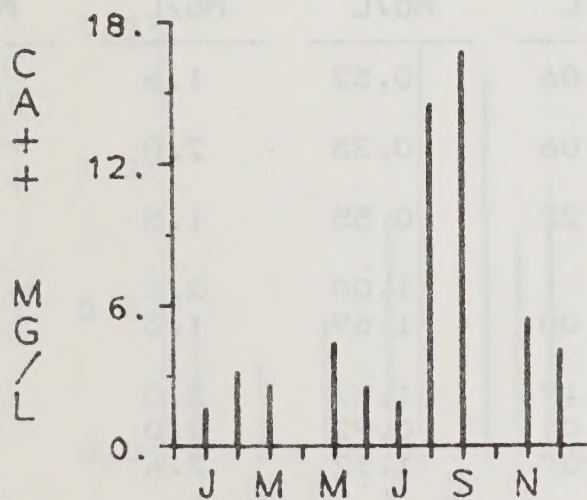
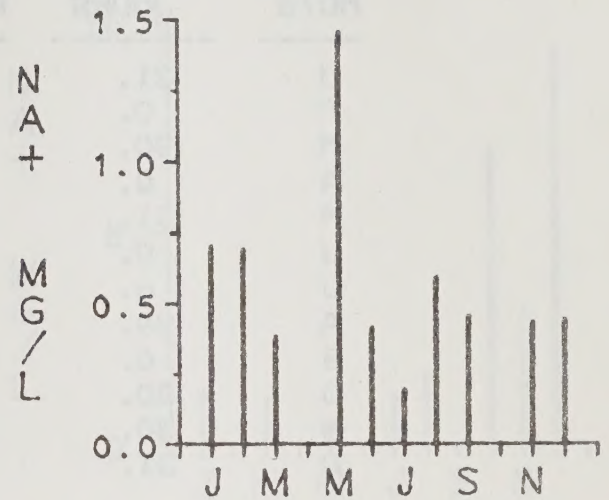
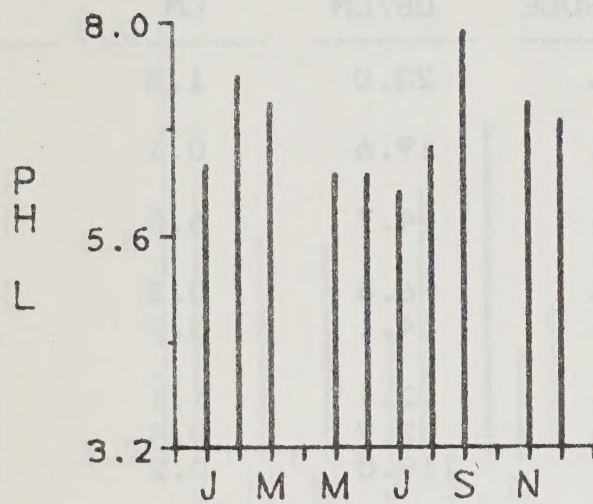
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	12.	20.9	1.6	0.4
F	28.	19.	35.1	0.7	0.7
M	31.	0.	28.8	1.0	0.3
A	0.				
M	31.	1.	43.4	0.7	0.4
J	30.	0.	20.6	2.8	2.9
J	31.	2.	15.7	8.4	6.4
A	31.	1.	88.0	2.4	1.5
S	29.	12.	89.1	2.7	1.0
O	0.				
N	30.	2.	37.1	2.7	1.7
D	31.	1.	35.6	1.4	1.3

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	6.4	0.15	1.63	1.1	0.20
F	7.4	0.37	3.18	3.0	0.75
M	7.1	0.31	2.62	1.5	0.35
A					
M	6.3	0.37	4.39	3.9	0.80
J	6.3	BDL/SLD	2.55	0.9	BDL/SLD
J	6.1	BDL/SLD	1.89	0.3	BDL/SLD
A	6.6	0.04	14.50	1.7	0.35
S	7.9	0.11	16.70	1.2	0.27
O					
N	7.1	BDL/SLD	5.44	0.9	BDL/SLD
D	6.9	0.24	4.11	1.8	0.30

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.85	0.71	0.67	0.42	1.1
F	1.00	0.70	1.42	0.35	
M	1.20	0.39	1.34	0.17	
A					
M	2.20	1.46	0.92	0.90	1.2
J	0.60	0.42	0.48	0.27	1.1
J	0.10	0.20	0.65	0.13	1.1
A	0.83	0.60	1.01	0.24	1.0
S	0.70	0.46	0.38	0.23	0.4
O					
N	0.70	0.44	0.77	0.11	1.0
D	0.70	0.45	1.38	0.18	1.2

INUVIK

1981



STATION : MOULD BAY
1981

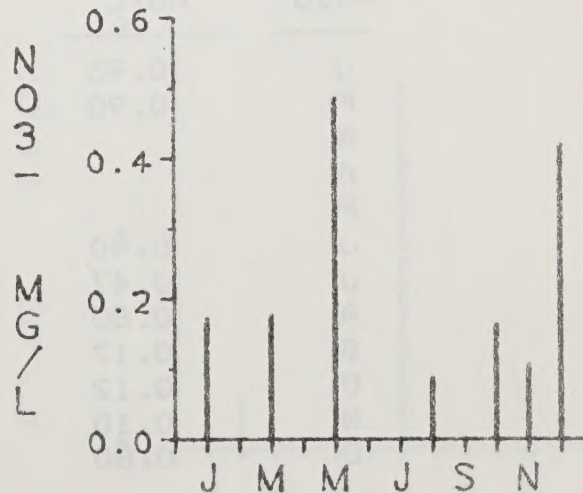
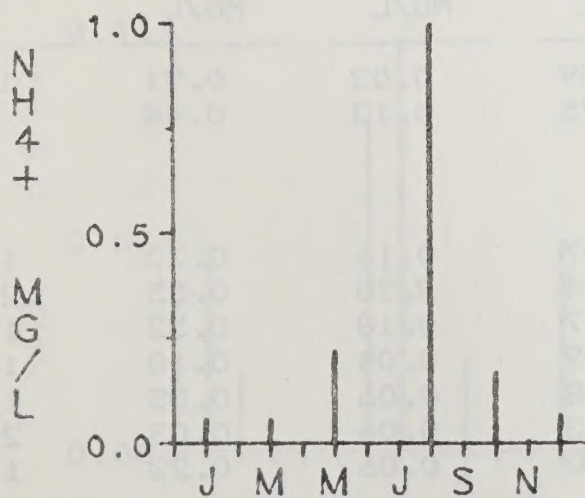
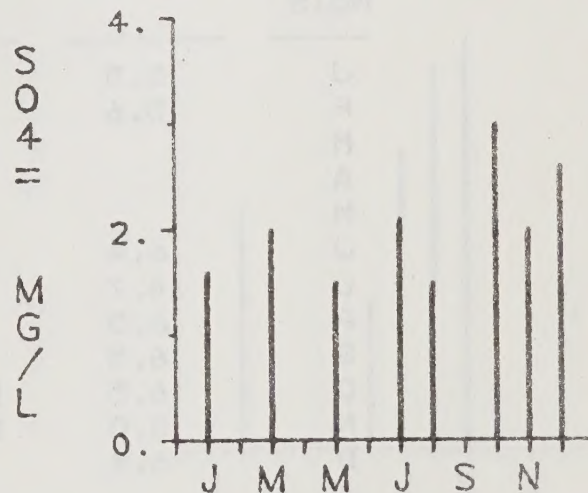
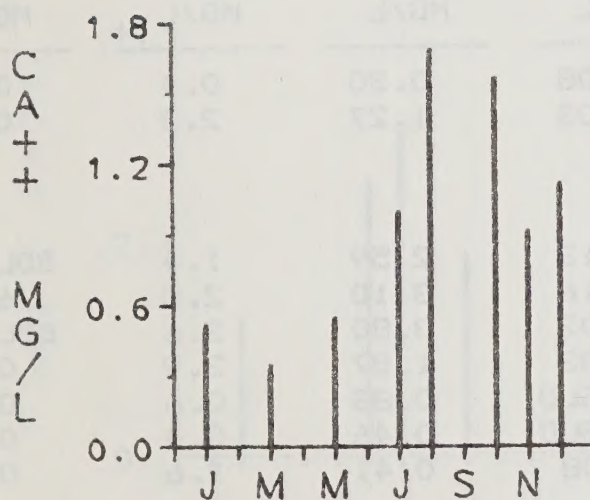
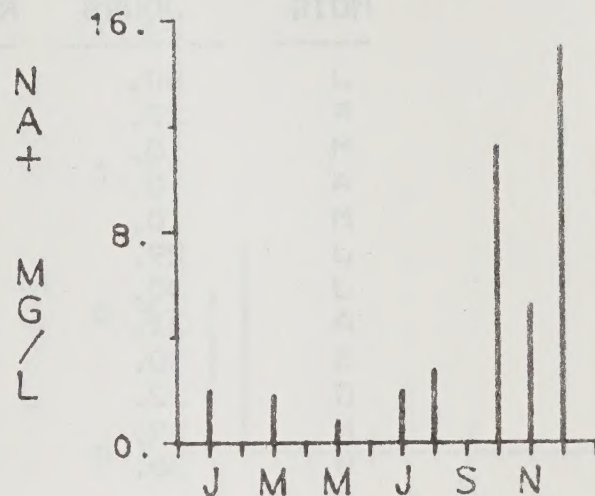
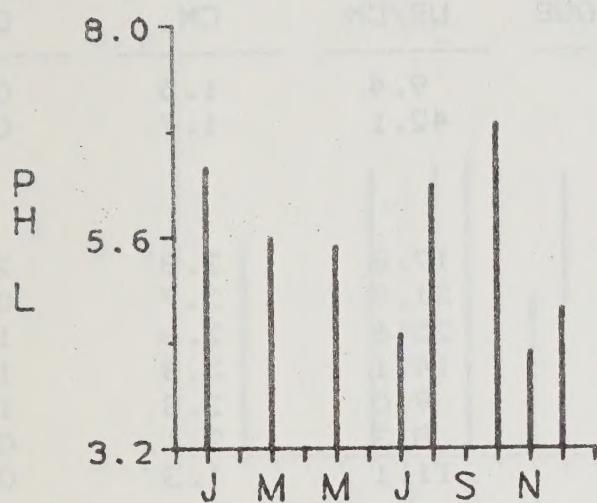
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	12.	23.0	1.5	0.3
F	0.				
M	30.	12.	19.6	0.1	0.8
A	0.				
M	31.	1.	14.7	6.0	4.5
J	0.				
J	6.	179.	36.4	0.3	0.2
A	24.	17.	54.1	3.7	2.0
S	0.				
O	30.	1.	92.4	1.1	0.5
N	30.	12.	52.9	0.4	0.3
D	31.	1.	119.0	0.2	0.6

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SD4 = MG/L	NO3- MG/L
J	6.4	0.06	0.52	1.6	0.17
F					
M	5.6	0.06	0.35	2.0	0.18
A					
M	5.5	0.22	0.55	1.5	0.49
J					
J	4.5		1.00	2.1	
A	6.2	1.00	1.69	1.5	0.09
S					
O	6.9	0.17	1.57	3.0	0.16
N	4.3	0.01	0.92	2.0	0.11
D	4.8	0.07	1.12	2.6	0.42

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	4.00	2.01	0.42	0.62	1.0
F					
M	3.30	1.82	0.22	0.30	0.9
A					
M	1.60	0.86	0.18	0.19	1.2
J					
J	2.20	2.00	0.22	0.64	
A	4.12	2.77	0.50	1.95	1.7
S					
O	22.40	11.29	1.55	0.77	1.0
N	8.40	5.24	0.82	0.48	1.4
D	31.00	15.04	2.60	1.26	1.0

MOULD BAY

1981



STATION : WHITEHORSE
1981

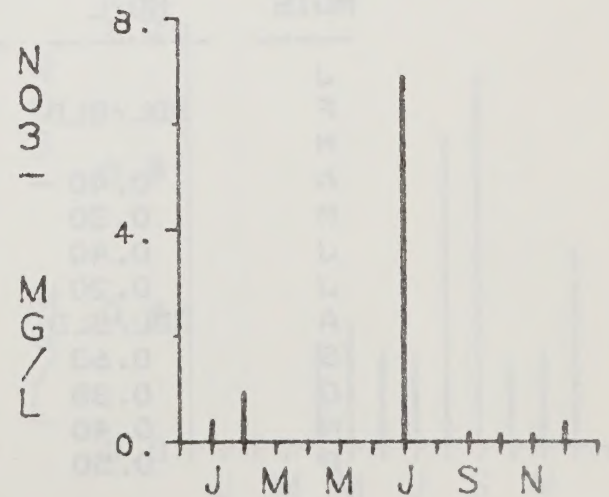
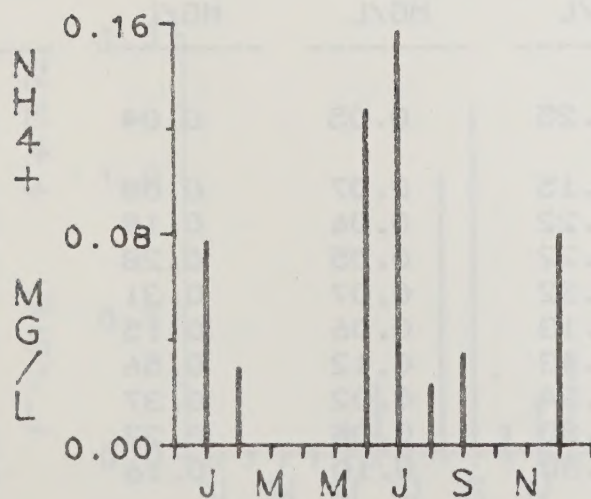
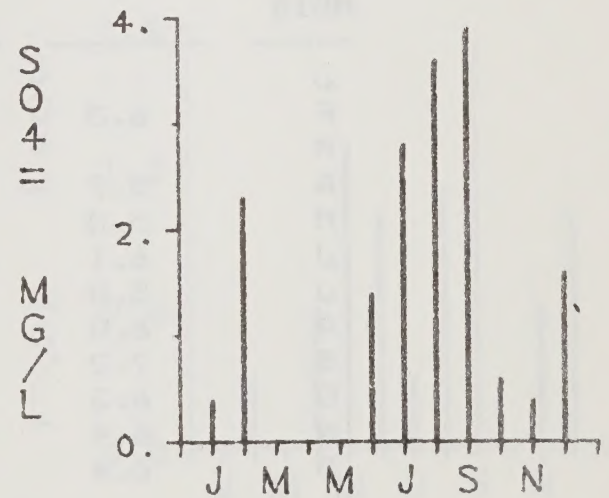
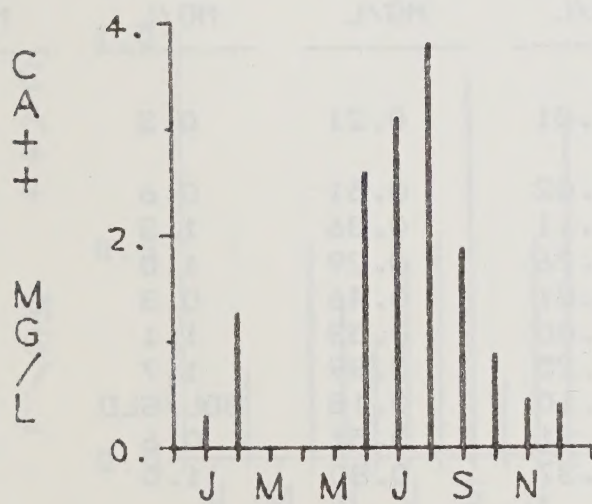
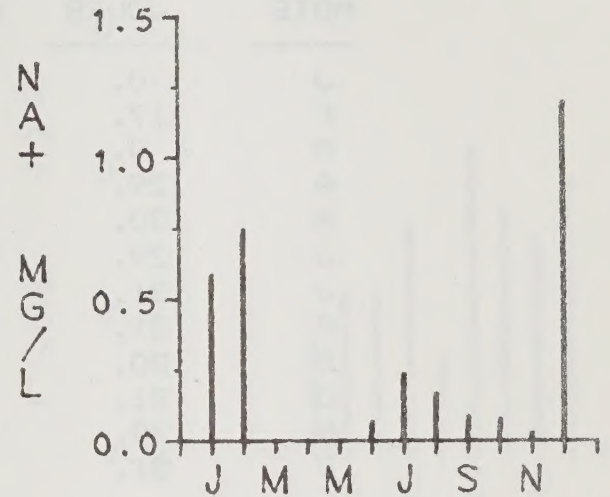
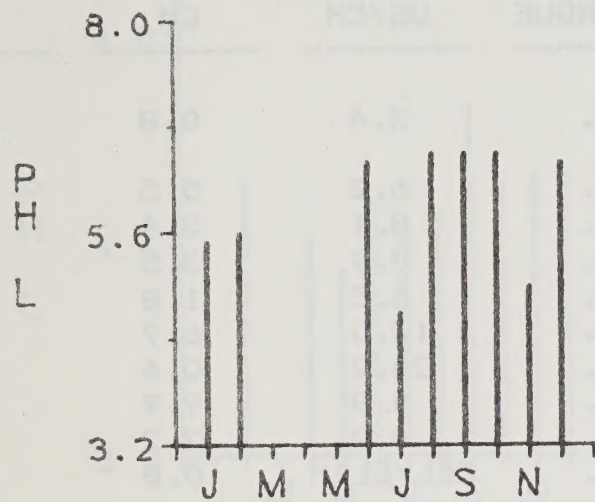
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	30.	1.	9.4	1.5	0.7
F	27.	9.	42.1	1.7	0.1
M	0.				
A	0.				
M	0.				
J	29.	1.	17.8	3.8	2.4
J	30.	1.	31.9	2.7	0.9
A	31.	1.	25.6	2.6	1.2
S	30.	1.	14.1	3.8	1.9
O	32.	12.	9.0	2.8	1.3
N	29.	1.	8.3	2.1	0.9
D	30.	1.	11.1	1.3	0.7

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.5	0.08	0.30	0.4	0.41
F	5.6	0.03	1.27	2.3	0.95
M					
A					
M					
J	6.4	0.13	2.59	1.4	BDL/SLD
J	4.7	0.16	3.10	2.8	6.90
A	6.5	0.02	3.80	3.6	BDL/SLD
S	6.5	0.03	1.87	3.9	0.18
O	6.5	BDL/SLD	0.88	0.6	0.15
N	5.0	BDL/SLD	0.46	0.4	0.15
D	6.4	0.08	0.41	1.6	0.37

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.95	0.59	0.03	0.91	1.8
F	0.90	0.75	0.13	0.44	
M					
A					
M					
J	0.40	0.07	0.16	0.30	1.1
J	0.47	0.24	3.20	0.55	2.6
A	0.80	0.17	0.18	0.32	1.3
S	0.17	0.09	0.04	0.10	1.0
O	0.12	0.08	0.06	0.05	1.4
N	0.10	0.03	0.04	0.03	2.8
D	0.80	1.20	0.06	0.23	1.1

WHITEHORSE

1981



STATION : FORT NELSON
1981

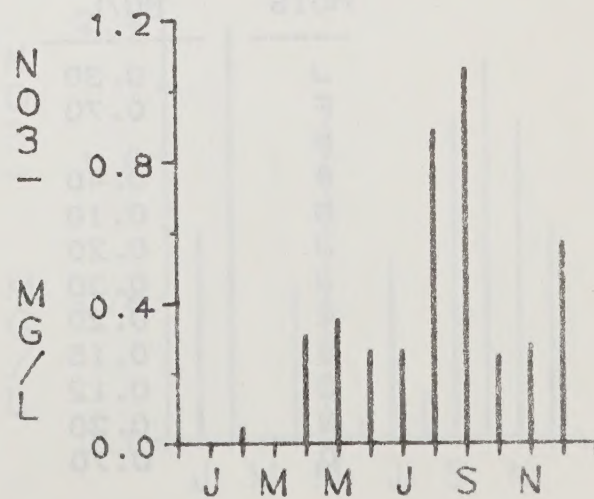
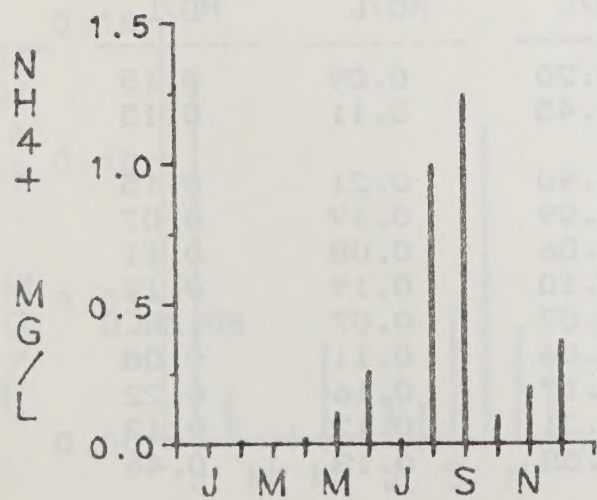
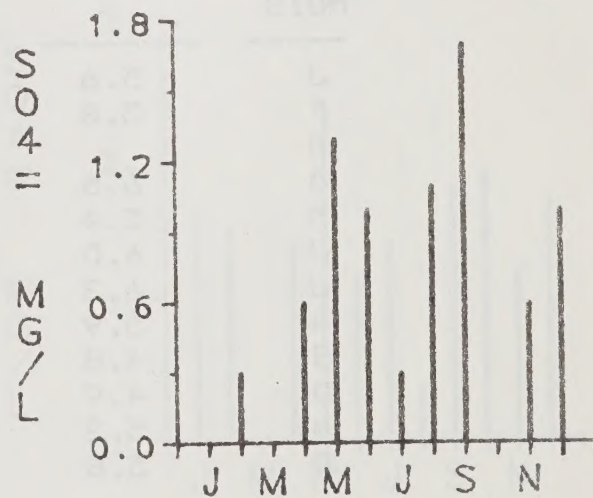
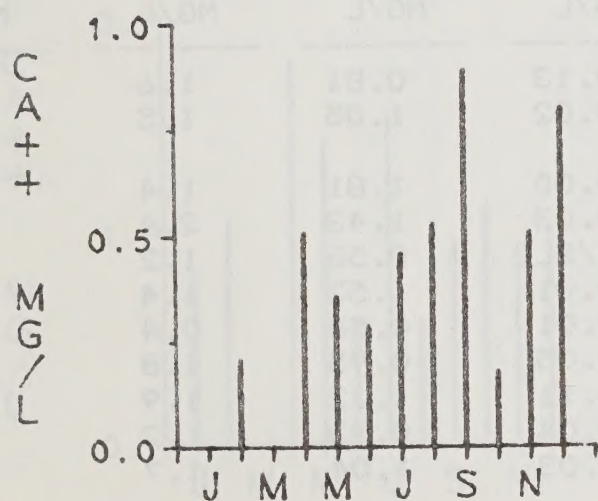
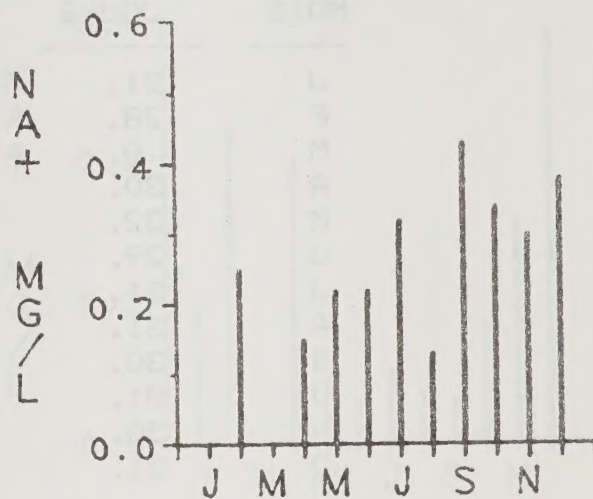
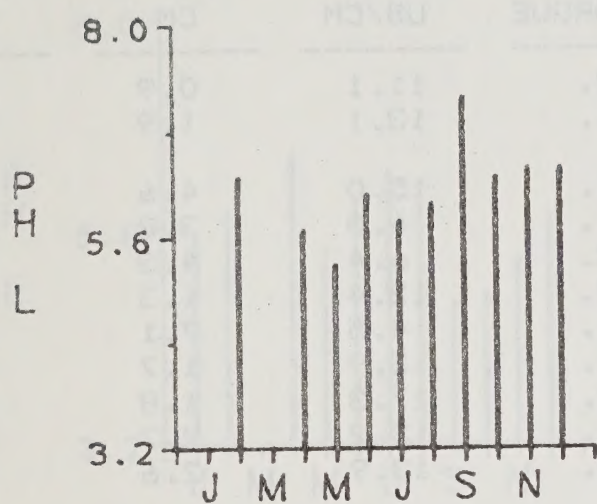
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	0.				
F	17.	1.	3.4	0.8	0.4
M	0.				
A	29.	0.	6.2	5.5	1.6
M	30.	12.	8.1	3.4	1.6
J	29.	12.	8.9	3.5	2.5
J	31.	1.	6.5	1.8	1.4
A	31.	2.	12.0	6.7	6.4
S	30.	19.	20.2	0.6	0.3
O	31.	1.	5.8	9.9	6.1
N	30.	2.	8.2	3.2	1.8
D	31.	5.	DEL/ELIM	0.8	0.4

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SD4 = MG/L	NO3- MG/L
J					
F	6.3	0.01	0.21	0.3	0.04
M					
A	5.7	0.02	0.51	0.6	0.31
M	5.3	0.11	0.36	1.3	0.35
J	6.1	0.26	0.29	1.0	0.27
J	5.8	0.01	0.46	0.3	0.27
A	6.0	1.00	0.53	1.1	0.89
S	7.2	1.25	0.89	1.7	1.06
O	6.3	0.10	0.18	BDL/SLD	0.25
N	6.4	0.21	0.51	0.6	0.28
D	6.4	0.37	0.80	1.0	0.57

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J					
F	BDL/SLD	0.25	0.05	0.04	
M					
A	0.40	0.15	0.07	0.08	1.2
M	0.30	0.22	0.06	0.19	1.2
J	0.40	0.22	0.05	0.28	1.0
J	0.20	0.32	0.07	0.31	1.5
A	BDL/SLD	0.13	0.06	0.15	1.3
S	0.63	0.43	0.12	0.56	
O	0.38	0.34	0.02	0.37	
N	0.40	0.30	0.05	0.22	1.2
D	0.50	0.38	0.10	0.16	1.0

FORT NELSON

1981



STATION : FORT ST JOHN
1981

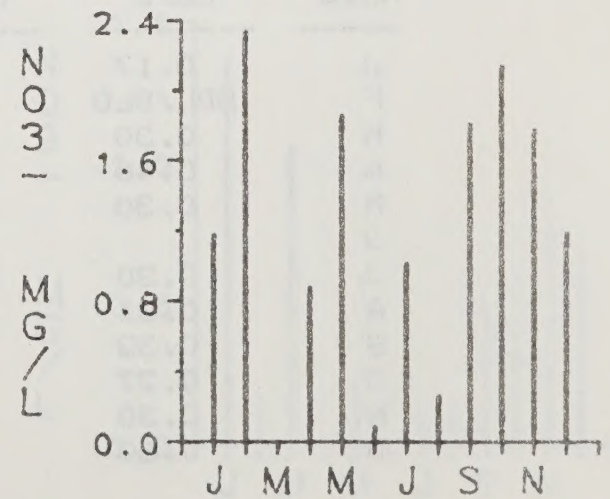
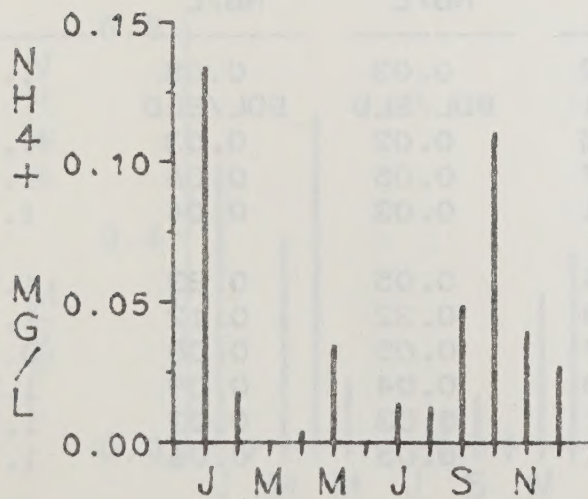
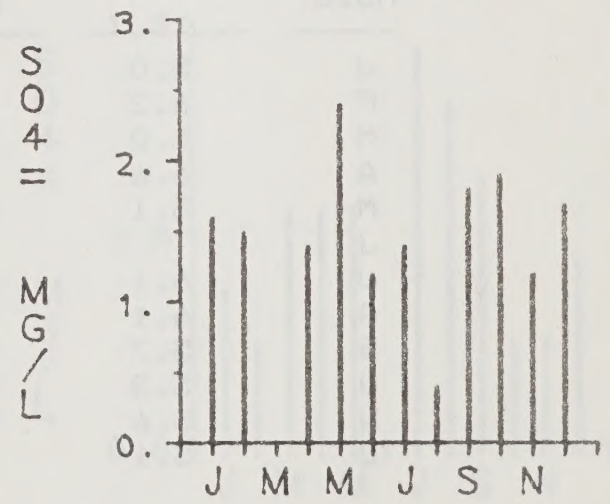
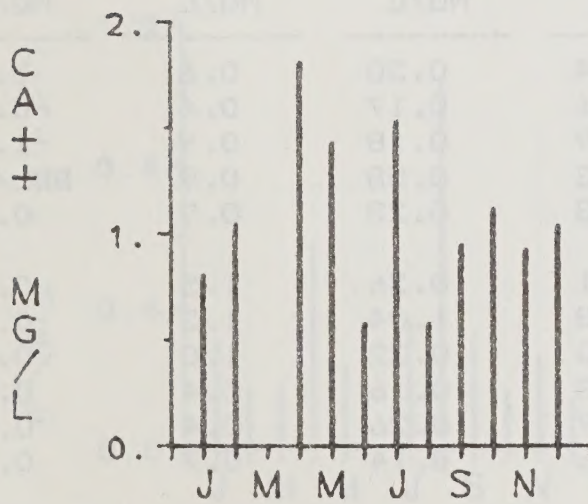
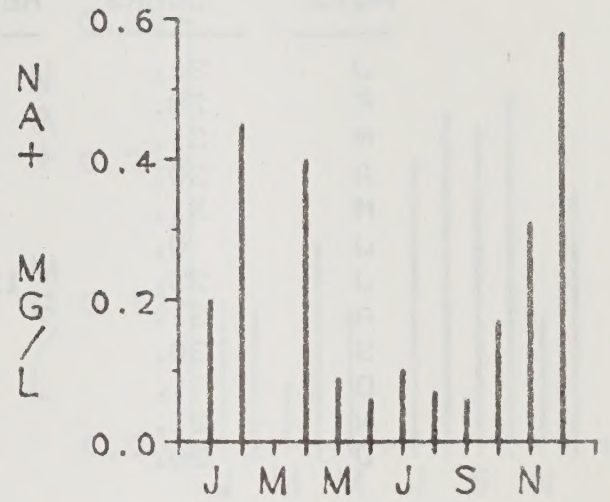
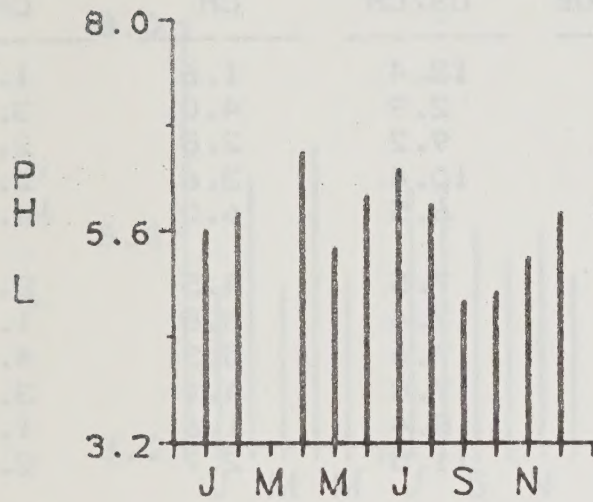
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	12.	11.1	0.9	0.6
F	28.	1.	13.1	1.9	0.8
M	0.				
A	30.	1.	15.0	4.6	2.3
M	32.	1.	16.0	3.8	3.5
J	29.	12.	6.4	4.3	3.4
J	31.	12.	12.4	1.3	1.0
A	31.	1.	4.5	7.1	6.7
S	30.	1.	13.9	1.7	1.5
O	31.	12.	17.3	1.8	1.4
N	30.	1.	13.2	2.7	1.3
D	31.	12.	13.9	2.6	1.2

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.6	0.13	0.81	1.6	1.18
F	5.8	0.02	1.05	1.5	2.34
M					
A	6.5	0.00	1.81	1.4	0.89
M	5.4	0.03	1.43	2.4	1.86
J	6.0	BDL/SLD	0.58	1.2	0.09
J	6.3	0.01	1.53	1.4	1.02
A	5.9	0.01	0.58	0.4	0.27
S	4.8	0.05	0.95	1.8	1.81
O	4.9	0.11	1.12	1.9	2.14
N	5.3	0.04	0.93	1.2	1.78
D	5.8	0.03	1.04	1.7	1.19

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.30	0.20	0.09	0.13	
F	0.70	0.45	0.11	0.15	1.0
M					
A	0.40	0.40	0.21	0.15	1.3
M	0.10	0.09	0.19	0.07	1.2
J	0.20	0.06	0.08	0.11	0.8
J	0.30	0.10	0.19	0.17	1.0
A	0.20	0.07	0.07	BDL/SLD	1.1
S	0.15	0.06	0.11	0.08	1.1
O	0.12	0.17	0.16	0.22	1.3
N	0.20	0.31	0.12	0.13	1.4
D	0.70	0.58	0.13	0.46	1.4

FORT ST JOHN

1981



STATION : KELOWNA
1981

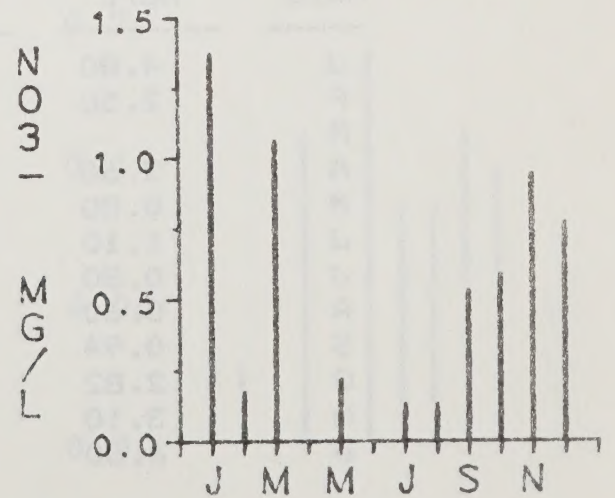
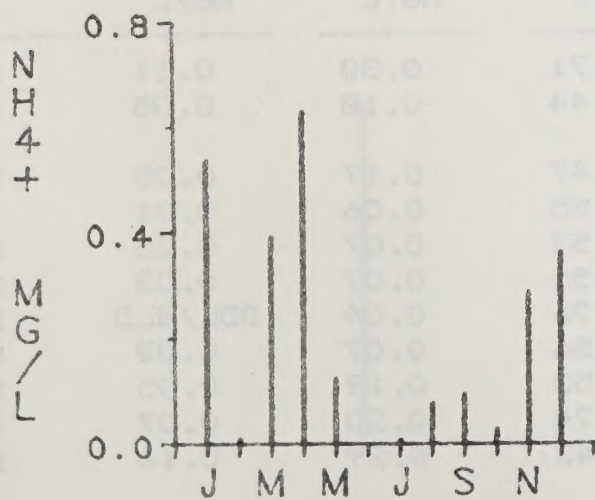
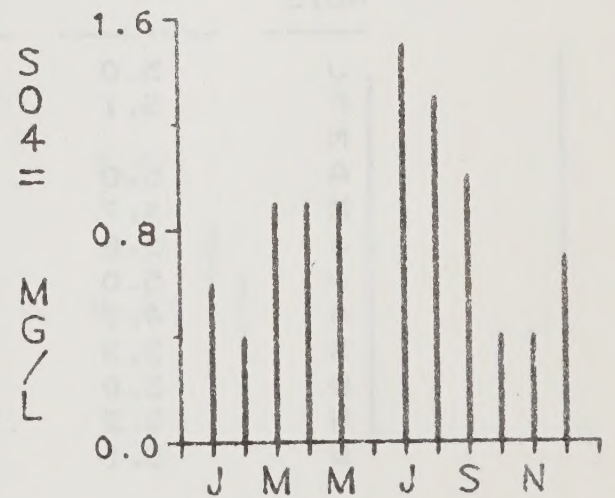
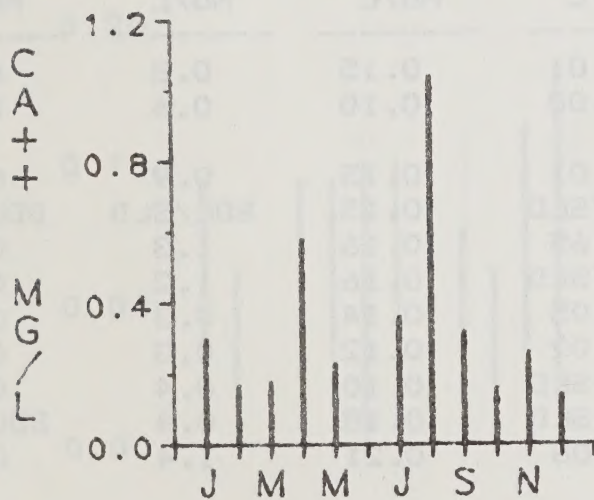
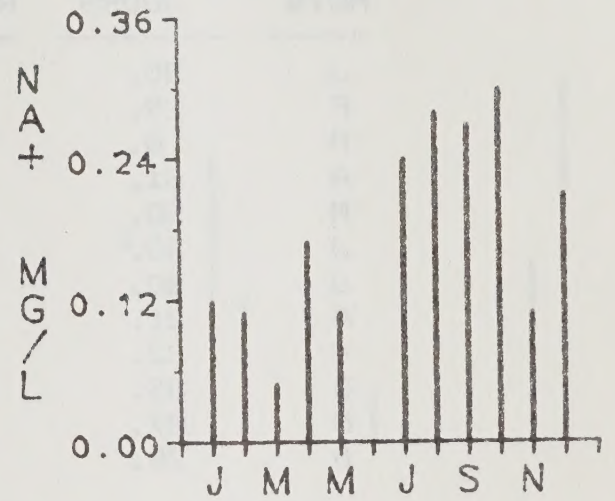
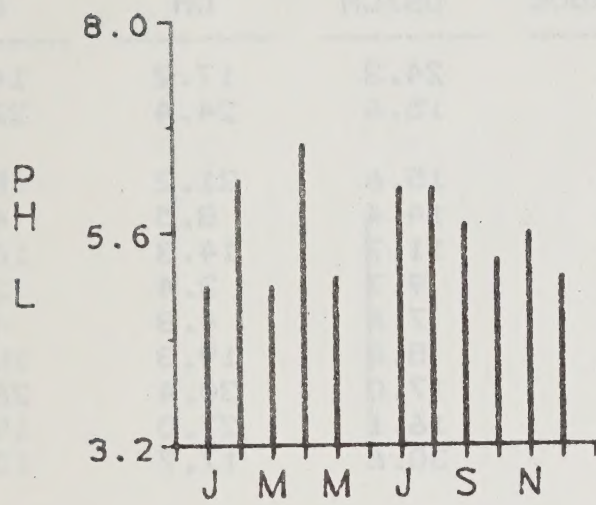
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	13.4	1.6	1.4
F	28.	1.	2.9	4.0	3.4
M	31.	12.	9.2	2.8	2.1
A	30.	13.	10.4	3.6	2.7
M	31.	12.	6.5	6.0	4.5
J	0.				
J	25.	127.	7.5	4.5	2.5
A	31.	1.	12.4	3.8	1.5
S	30.	1.	7.6	5.3	4.3
O	31.	1.	7.8	4.1	3.3
N	31.	1.	8.4	1.6	1.1
D	30.	12.	11.5	2.7	2.2

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.0	0.54	0.30	0.6	1.38
F	6.2	0.01	0.17	0.4	0.18
M	5.0	0.39	0.18	0.9	1.06
A	6.6	0.63	0.58	0.9	BDL/SLD
M	5.1	0.13	0.23	0.9	0.22
J					
J	6.1	0.01	0.36	1.5	0.13
A	6.1	0.08	1.04	1.3	0.13
S	5.7	0.10	0.32	1.0	0.53
O	5.3	0.03	0.16	0.4	0.59
N	5.6	0.29	0.26	0.4	0.94
D	5.1	0.36	0.14	0.7	0.77

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.17	0.12	0.03	0.05	1.6
F	BDL/SLD	0.11	BDL/SLD	BDL/SLD	
M	0.30	0.05	0.02	0.03	1.0
A	0.40	0.17	0.05	0.06	1.3
M	0.30	0.11	0.03	0.04	1.1
J					
J	0.30	0.24	0.05	0.83	1.0
A	0.21	0.28	0.32	0.12	1.1
S	0.33	0.27	0.05	0.08	0.9
O	0.27	0.30	0.04	0.09	1.3
N	0.30	0.11	0.03	0.07	1.2
D	0.60	0.21	0.05	0.06	1.1

KELOWNA

1981



STATION : PORT HARDY
1981

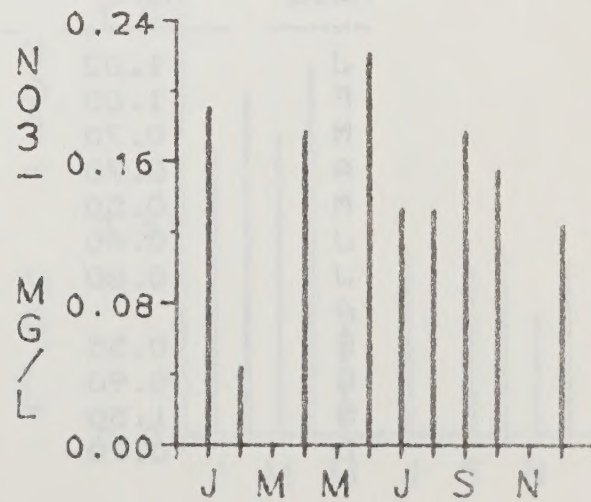
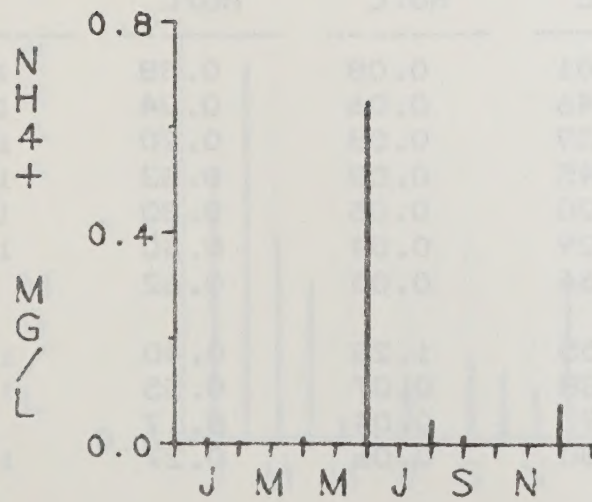
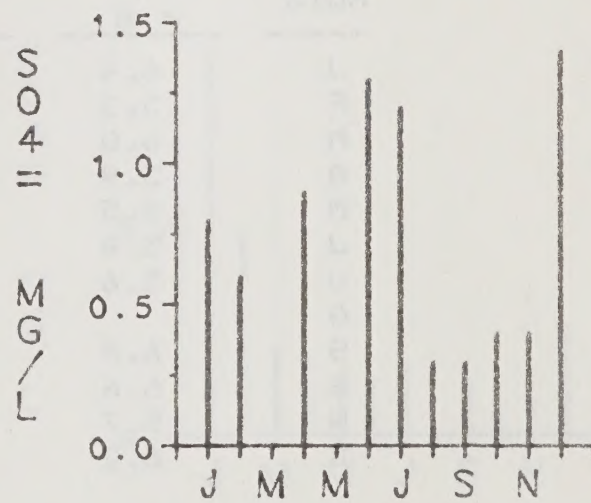
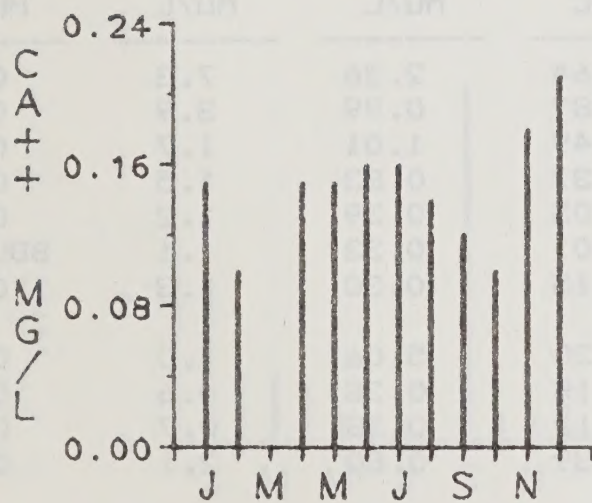
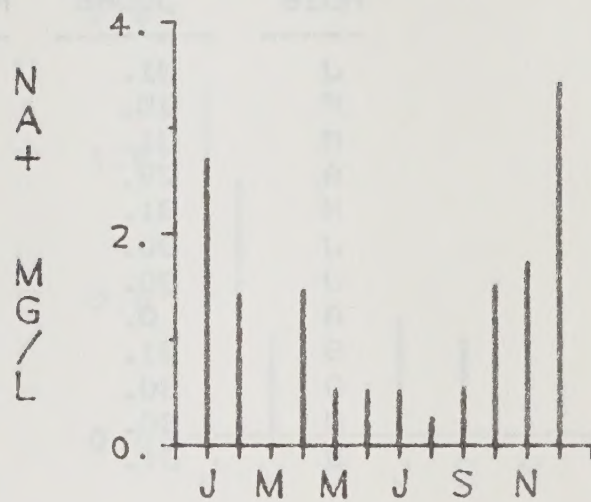
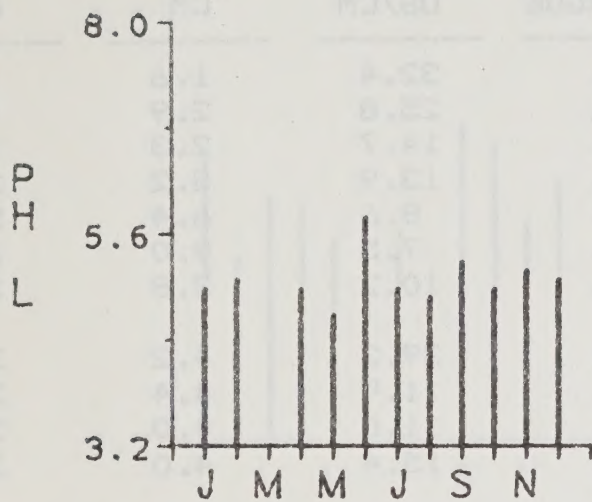
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	30.	1.	24.3	17.2	14.8
F	29.	0.	15.6	24.4	22.2
M	0.				
A	31.	0.	15.6	21.2	18.7
M	30.	0.	14.4	8.5	4.8
J	30.	0.	11.7	14.3	10.5
J	30.	0.	9.7	3.4	2.8
A	31.	0.	7.6	4.8	4.2
S	32.	0.	8.8	19.3	18.6
O	33.	0.	17.0	30.4	26.1
N	27.	0.	16.1	27.0	19.7
D	29.	0.	30.6	17.7	15.0

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.0	0.01	0.15	0.8	0.19
F	5.1	0.00	0.10	0.6	0.04
M					
A	5.0	0.01	0.15	0.9	0.18
M	4.7	BDL/SLD	0.15	BDL/SLD	BDL/SLD
J	5.8	0.65	0.16	1.3	0.22
J	5.0	BDL/SLD	0.16	1.2	0.13
A	4.9	0.05	0.14	0.3	0.13
S	5.3	0.02	0.12	0.3	0.18
O	5.0	BDL/SLD	0.10	0.4	0.15
N	5.2	BDL/SLD	0.18	0.4	BDL/SLD
D	5.1	0.08	0.21	1.4	0.12

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	4.80	2.71	0.30	0.11	1.1
F	2.50	1.44	0.18	0.05	1.1
M					
A	2.60	1.47	0.17	0.05	1.0
M	0.80	0.55	0.06	0.01	
J	1.10	0.53	0.07	0.25	1.1
J	0.80	0.53	0.07	0.03	1.0
A	0.60	0.26	0.04	BDL/SLD	1.5
S	0.94	0.56	0.07	0.03	1.2
O	2.82	1.53	0.19	0.05	1.1
N	3.10	1.74	0.20	0.07	1.1
D	6.30	3.43	0.39	0.14	1.0

PORT HARDY

1981



STATION : PRINCE GEORGE
1981

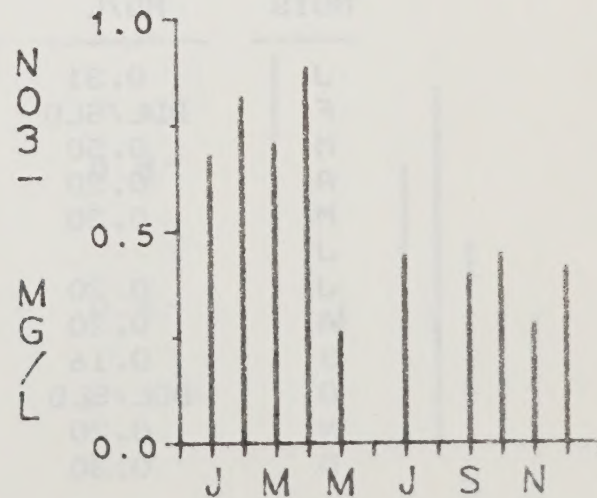
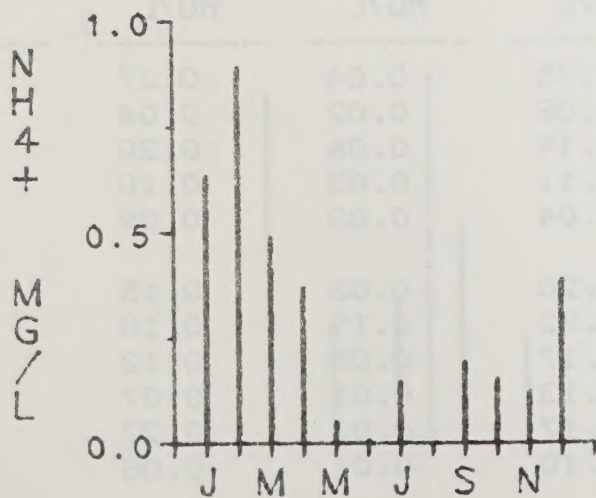
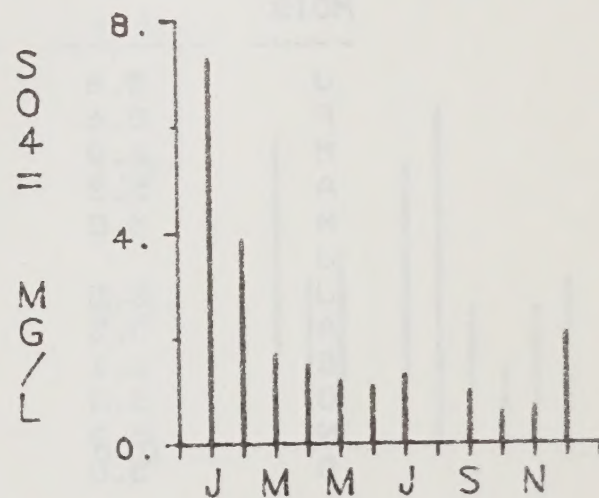
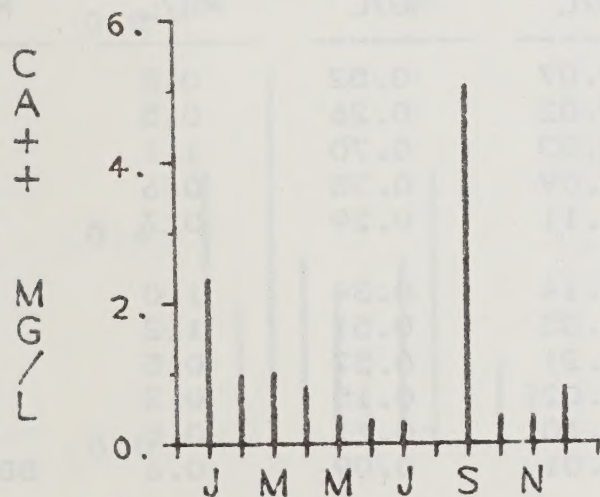
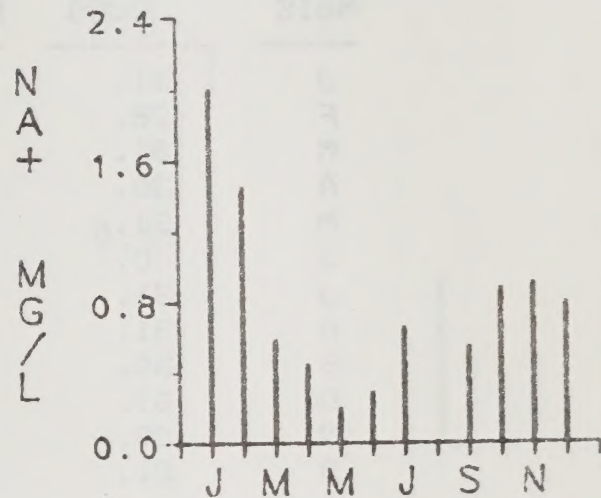
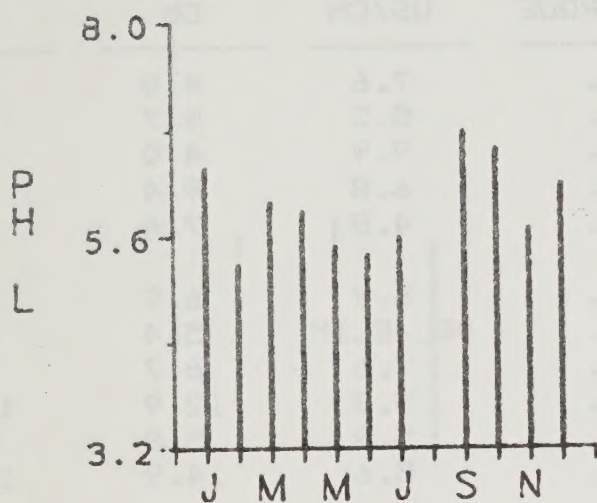
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	32.4	1.6	1.1
F	28.	1.	25.8	2.9	1.8
M	31.	1.	14.7	2.3	1.6
A	29.	1.	13.9	3.2	2.0
M	31.	12.	8.6	6.4	5.1
J	30.	2.	7.5	9.0	6.7
J	30.	1.	10.2	3.8	3.1
A	0.				
S	31.	1.	39.3	4.2	3.4
O	30.	1.	11.9	4.4	2.5
N	30.	2.	11.0	4.0	3.2
D	31.	1.	15.4	4.0	2.1

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	6.4	0.64	2.36	7.3	0.68
F	5.3	0.89	0.99	3.9	0.82
M	6.0	0.49	1.01	1.7	0.71
A	5.9	0.37	0.83	1.5	0.89
M	5.5	0.05	0.39	1.2	0.27
J	5.4	0.01	0.33	1.1	BDL/SLD
J	5.6	0.15	0.30	1.3	0.44
A					
S	6.8	0.20	5.06	1.0	0.40
O	6.6	0.15	0.38	0.6	0.45
N	5.7	0.13	0.38	0.7	0.28
D	6.2	0.39	0.80	2.1	0.42

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.02	2.01	0.08	0.38	1.1
F	1.00	1.46	0.06	0.24	1.5
M	0.70	0.59	0.08	0.20	1.1
A	0.70	0.45	0.08	0.33	1.1
M	0.50	0.20	0.05	0.30	1.1
J	0.60	0.29	0.04	0.30	1.1
J	0.80	0.66	0.05	0.62	
A					
S	0.55	0.55	1.23	0.40	1.1
O	0.90	0.88	0.07	0.55	1.2
N	1.50	0.91	0.04	0.17	
D	0.70	0.80	0.06	0.27	1.1

PRINCE GEORGE

1981



STATION : REVELSTOKE
1981

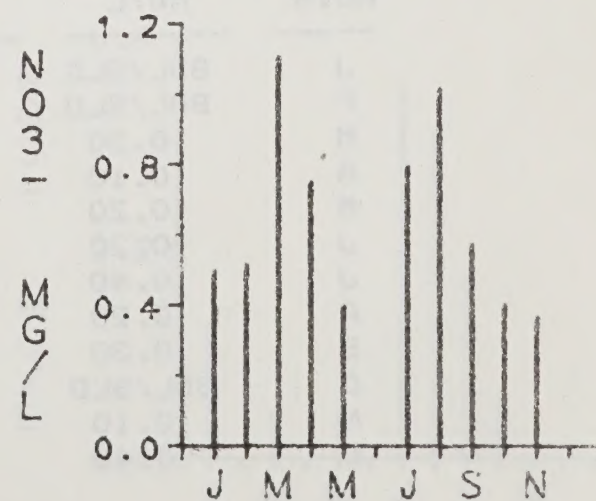
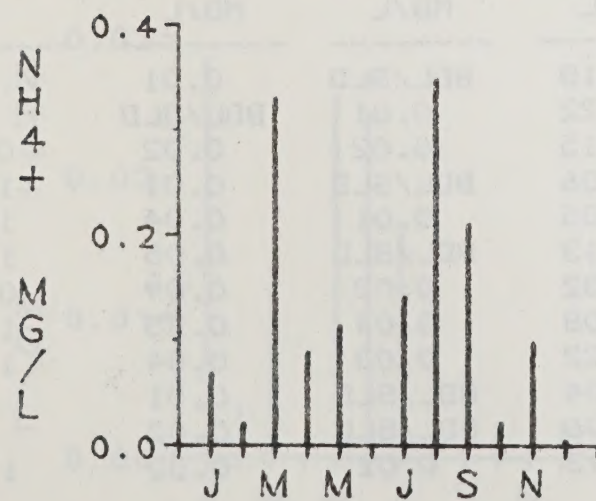
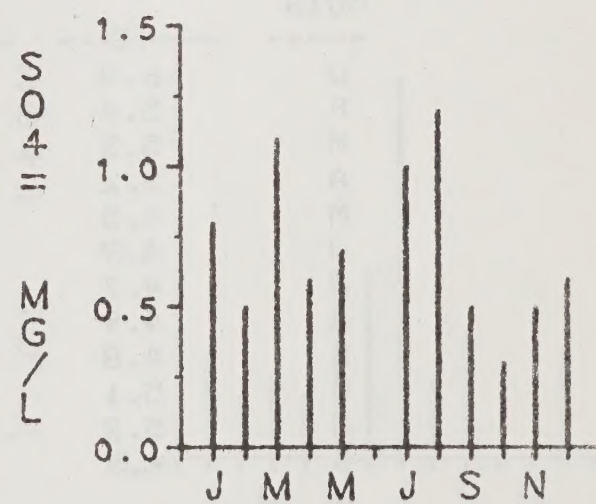
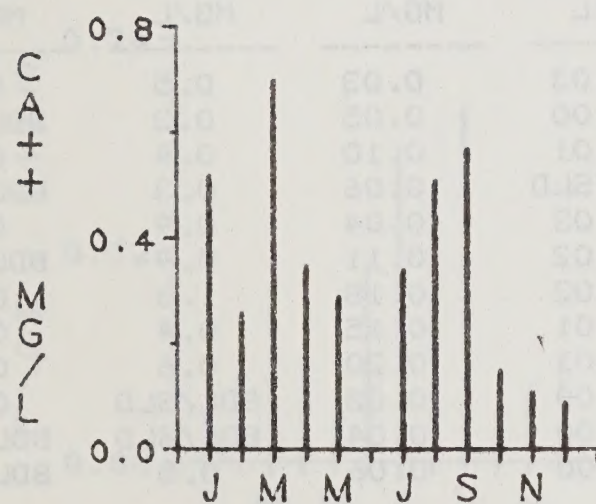
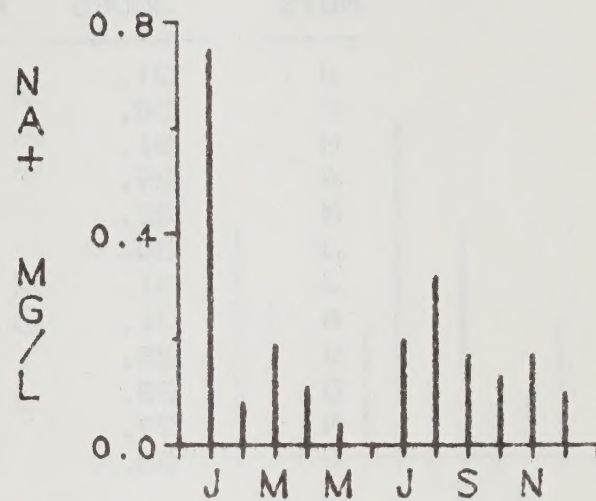
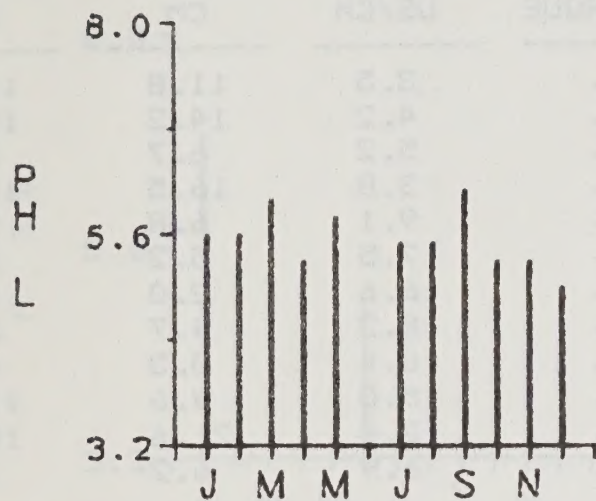
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	7.6	4.0	3.3
F	28.	1.	5.2	9.7	8.1
M	31.	12.	9.9	4.0	2.3
A	30.	1.	6.8	9.4	6.2
M	31.	1.	4.8	7.4	5.6
J	0.				
J	31.	1.	6.9	6.9	5.5
A	31.	15.	DEL/ELIM	5.4	4.5
S	30.	12.	7.6	6.7	5.9
O	31.	0.	5.3	12.9	12.0
N	30.	1.	5.9	5.8	4.2
D	31.	0.	5.6	14.9	13.5

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SD4 = MG/L	NO3- MG/L
J	5.6	0.07	0.52	0.8	0.50
F	5.6	0.02	0.26	0.5	0.52
M	6.0	0.33	0.70	1.1	1.11
A	5.3	0.09	0.35	0.6	0.75
M	5.8	0.11	0.29	0.7	0.40
J					
J	5.5	0.14	0.34	1.0	0.80
A	5.5	0.35	0.51	1.2	1.02
S	6.1	0.21	0.57	0.5	0.58
O	5.3	0.02	0.15	0.3	0.40
N	5.3	0.10	0.11	0.5	0.37
D	5.0	0.01	0.09	0.6	BDL/SLD

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.31	0.75	0.04	0.27	2.2
F	BDL/SLD	0.08	0.02	0.04	
M	0.50	0.19	0.06	0.20	0.9
A	0.20	0.11	0.03	0.10	1.2
M	0.20	0.04	0.03	0.09	0.9
J					
J	0.20	0.20	0.03	0.15	1.1
A	0.20	0.32	0.19	0.10	1.7
S	0.16	0.17	0.05	0.12	1.3
O	BDL/SLD	0.13	0.01	0.07	
N	0.20	0.17	0.01	0.22	1.4
D	0.30	0.10	0.01	0.08	1.0

REVELSTOKE

1981



STATION : TERRACE
1981

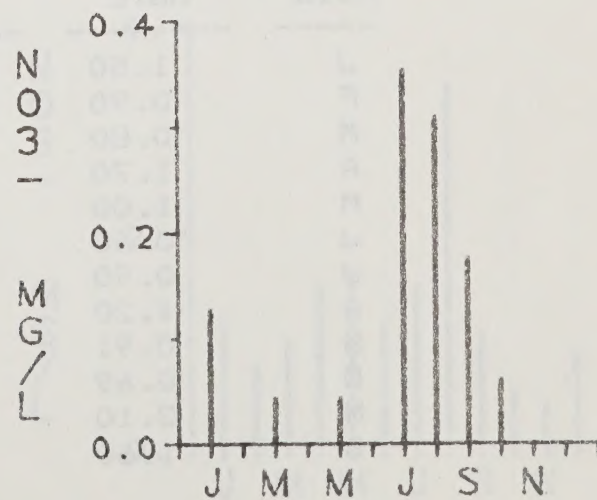
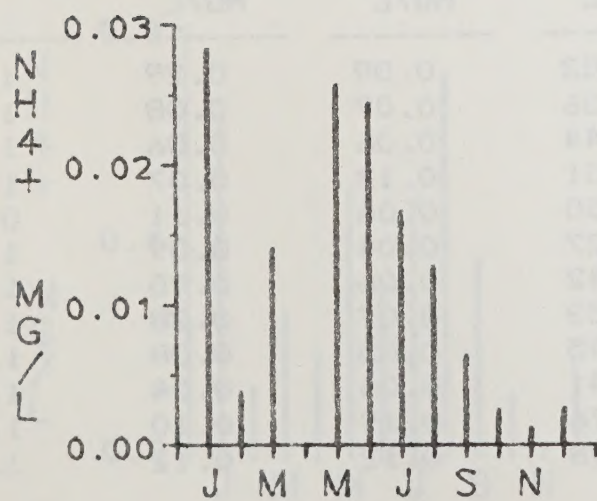
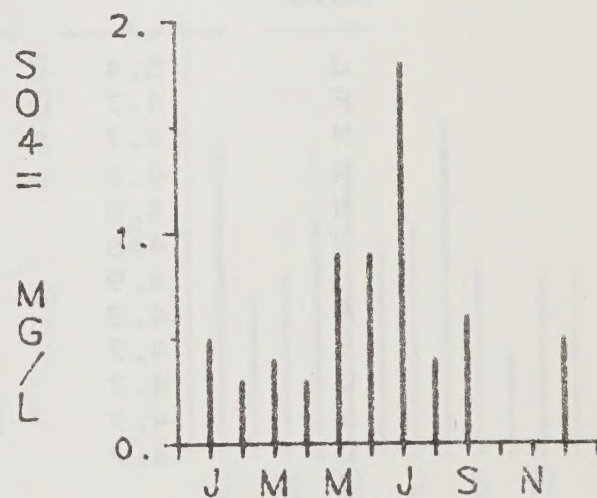
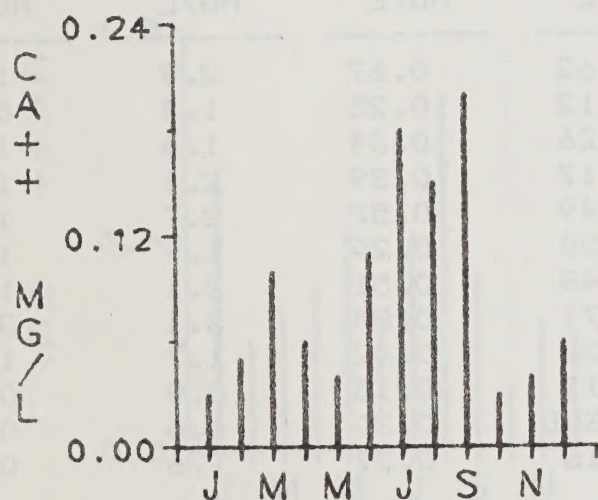
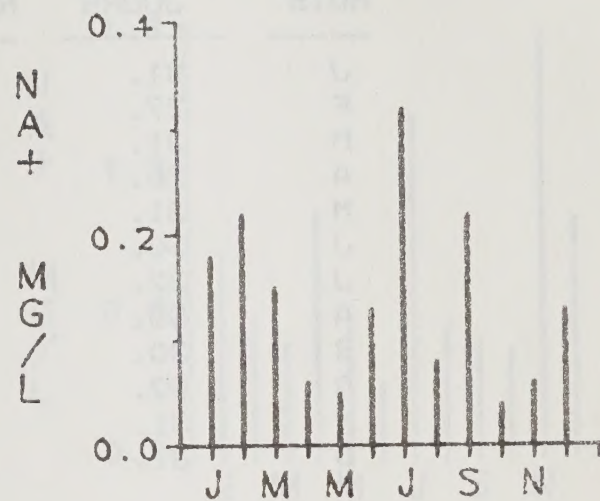
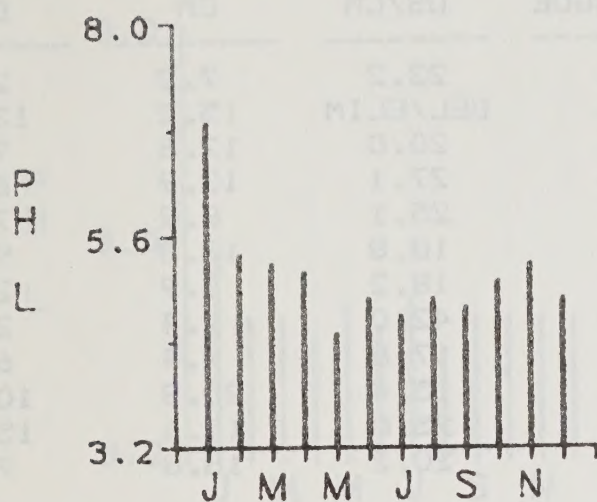
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	0.	3.5	11.8	11.2
F	28.	0.	4.2	14.2	13.7
M	31.	1.	5.2	6.7	5.6
A	29.	1.	3.8	16.5	15.0
M	32.	1.	9.1	6.8	5.9
J	30.	0.	7.5	5.2	3.8
J	31.	1.	16.6	2.0	1.3
A	31.	0.	8.2	4.7	3.7
S	28.	12.	8.4	5.3	4.1
D	33.	0.	5.0	9.6	11.3
N	29.	0.	3.4	21.6	18.3
D	28.	0.	6.9	6.2	7.9

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SD4 = MG/L	NO3- MG/L
J	6.9	0.03	0.03	0.5	0.13
F	5.4	0.00	0.05	0.3	BDL/SLD
M	5.3	0.01	0.10	0.4	0.04
A	5.2	BDL/SLD	0.06	0.3	BDL/SLD
M	4.5	0.03	0.04	0.9	0.04
J	4.9	0.02	0.11	0.9	BDL/SLD
J	4.7	0.02	0.18	1.8	0.35
A	4.9	0.01	0.15	0.4	0.31
S	4.8	0.01	0.20	0.6	0.18
D	5.1	0.00	0.03	BDL/SLD	0.06
N	5.3	0.00	0.04	BDL/SLD	BDL/SLD
D	4.9	0.00	0.06	0.5	BDL/SLD

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	BDL/SLD	0.18	BDL/SLD	0.01	
F	BDL/SLD	0.22	0.01	BDL/SLD	
M	0.50	0.15	0.02	0.02	0.8
A	0.10	0.06	BDL/SLD	0.01	1.3
M	0.20	0.05	0.01	0.04	1.6
J	0.20	0.13	BDL/SLD	0.05	1.1
J	0.40	0.32	0.03	0.09	0.9
A	0.20	0.08	0.04	0.25	1.8
S	0.30	0.22	0.03	0.04	1.6
D	BDL/SLD	0.04	BDL/SLD	0.01	
N	0.10	0.06	BDL/SLD	0.02	
D	0.40	0.13	0.02	0.02	1.1

TERRACE

1981



STATION : VANCOUVER
1981

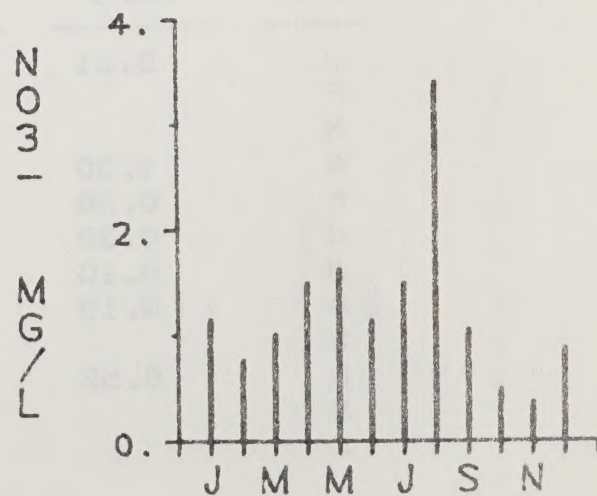
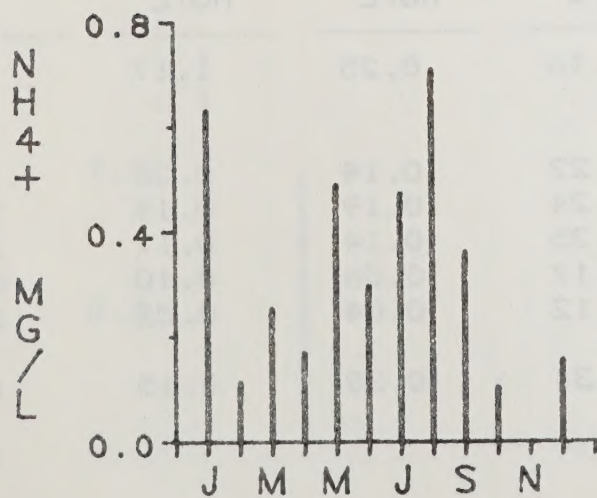
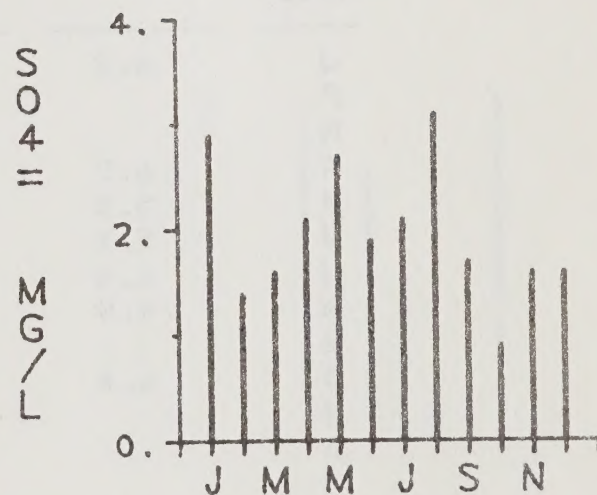
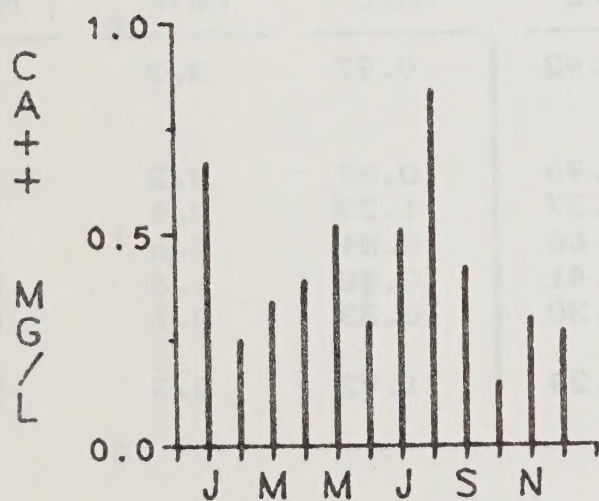
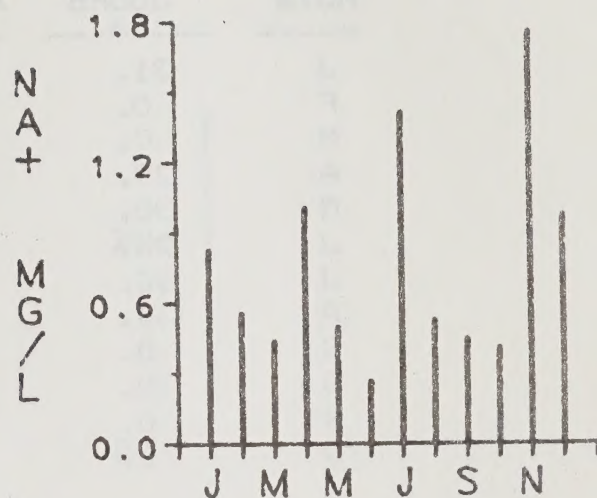
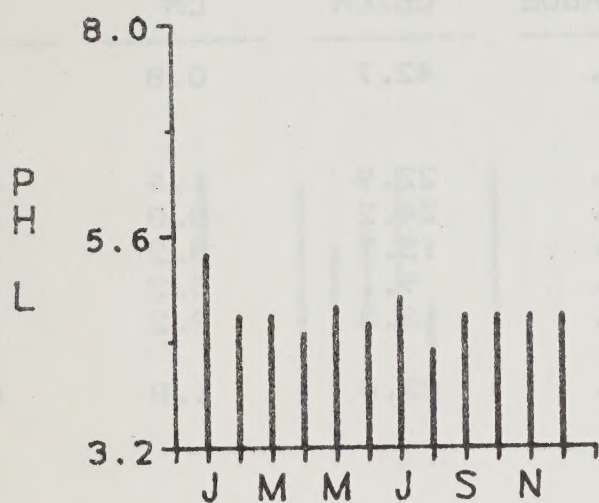
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	23.2	7.2	2.5
F	27.	5.	DEL/ELIM	15.2	13.7
M	31.	0.	20.0	12.6	9.1
A	30.	12.	27.1	13.9	8.2
M	31.	0.	25.1	8.2	7.6
J	30.	1.	18.8	13.3	9.8
J	32.	1.	18.2	3.9	2.4
A	30.	12.	42.0	2.4	2.0
S	30.	1.	17.8	7.4	6.8
O	32.	0.	15.4	20.3	10.8
N	31.	0.	25.0	19.6	15.7
D	31.	1.	20.2	18.8	7.6

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.4	0.63	0.67	2.9	1.16
F	4.7	0.12	0.25	1.4	0.77
M	4.7	0.26	0.34	1.6	1.02
A	4.5	0.17	0.39	2.1	1.50
M	4.8	0.49	0.52	2.7	1.64
J	4.6	0.30	0.29	1.9	1.15
J	4.9	0.48	0.51	2.1	1.50
A	4.3	0.71	0.84	3.1	3.41
S	4.7	0.36	0.42	1.7	1.06
O	4.7	0.11	0.15	0.9	0.50
N	4.7	BDL/SLD	0.30	1.6	0.37
D	4.7	0.16	0.27	1.6	0.88

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.50	0.83	0.09	0.29	1.0
F	0.90	0.56	0.07	0.08	1.1
M	0.80	0.44	0.06	0.06	1.1
A	1.70	1.01	0.12	0.07	1.0
M	1.00	0.50	0.06	0.11	0.9
J	0.60	0.27	0.04	0.09	1.0
J	0.90	1.42	0.06	0.90	1.7
A	1.20	0.53	0.07	0.28	1.1
S	0.91	0.45	0.05	0.08	1.1
O	0.69	0.41	0.06	0.04	1.2
N	3.10	1.76	0.19	0.10	1.0
D	1.60	0.98	0.12	0.12	1.1

VANCOUVER

1981



STATION : CORONATION
1981

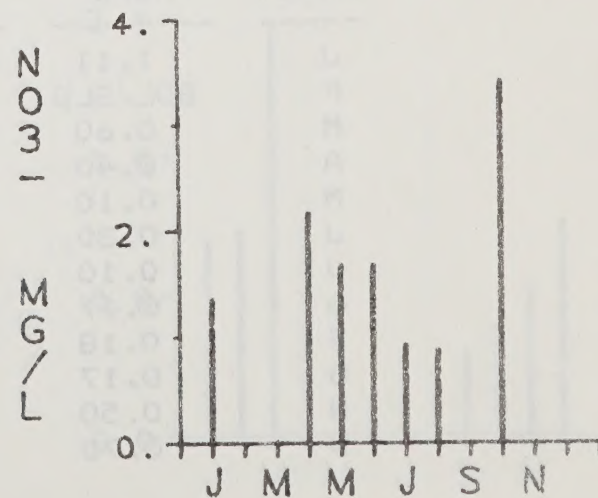
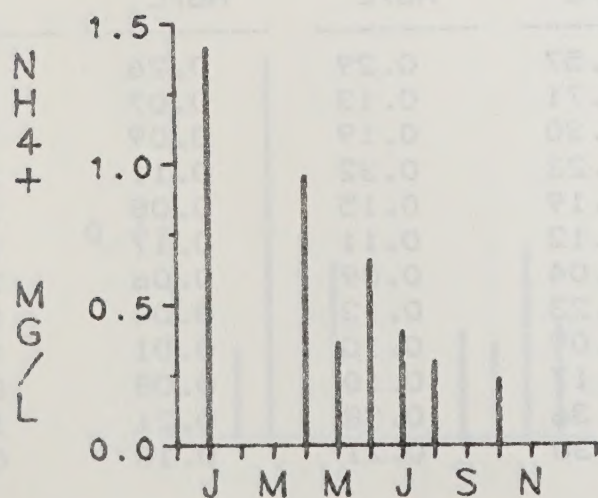
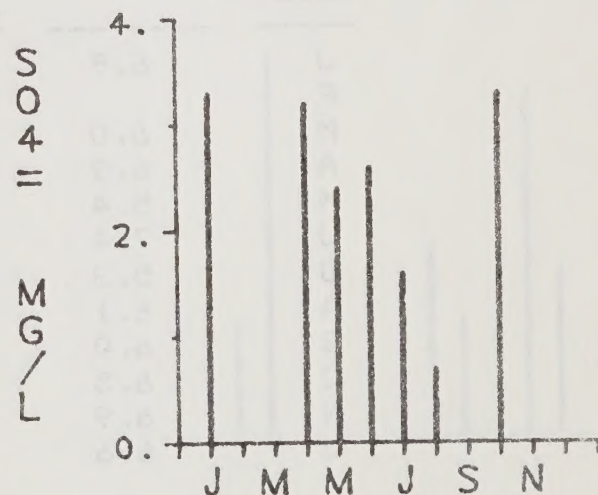
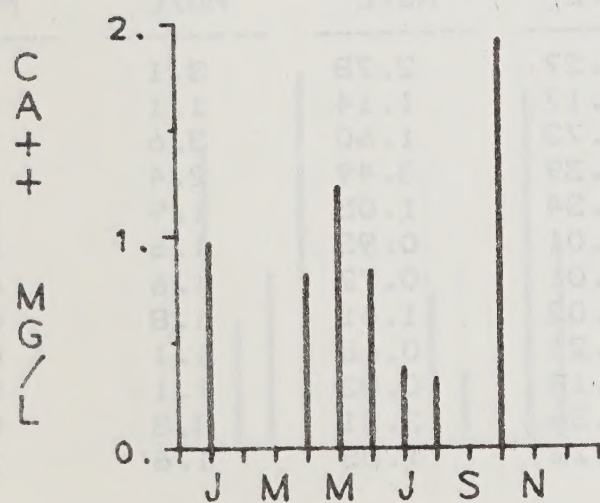
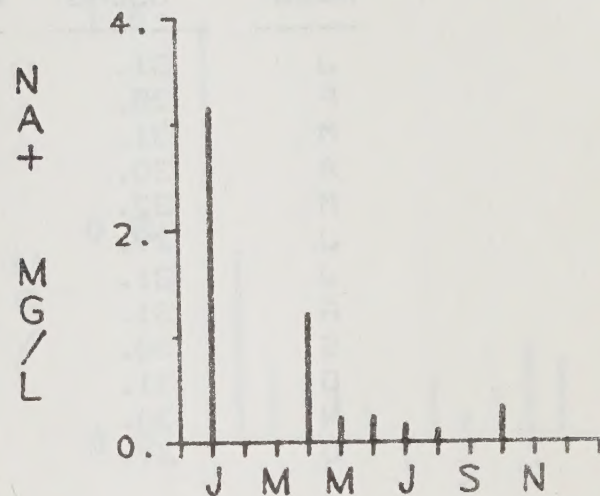
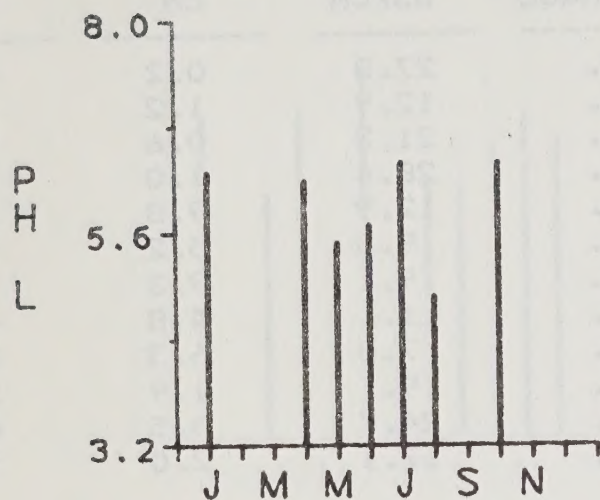
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	19.	42.7	0.8	0.6
F	0.				
M	0.				
A	29.	1.	22.9	1.4	0.3
M	30.	0.	24.2	8.0	6.7
J	28.	0.	15.7	5.2	2.9
J	30.	13.	9.1	5.2	4.4
A	30.	1.	13.3	2.2	1.7
S	0.				
O	30.	12.	23.0	1.8	0.8
N	0.				
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3-- MG/L
J	6.3	1.42	0.97	3.3	1.37
F					
M					
A	6.2	0.96	0.82	3.2	2.17
M	5.5	0.37	1.23	2.4	1.68
J	5.7	0.66	0.84	2.6	1.68
J	6.4	0.41	0.38	1.6	0.93
A	4.9	0.30	0.33	0.7	0.89
S					
O	6.4	0.24	1.92	3.3	3.41
N					
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	3.61	3.16	0.25	1.17	
F					
M					
A	1.30	1.22	0.14	0.26	
M	0.30	0.24	0.19	0.14	1.3
J	0.30	0.25	0.14	0.17	1.1
J	0.10	0.17	0.06	0.10	0.9
A	0.10	0.12	0.04	0.02	1.7
S					
O	0.52	0.34	0.38	0.15	1.1
N					
D					

CORONATION

1981



STATION : EDSON
 1981

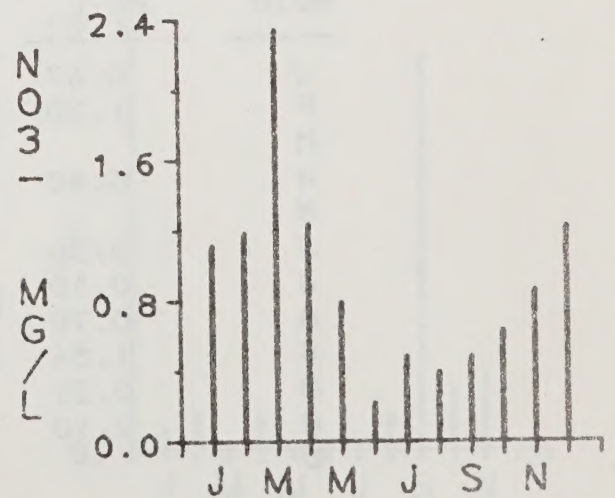
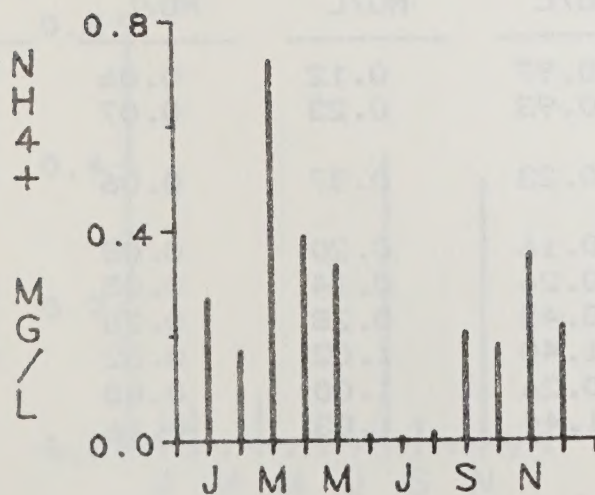
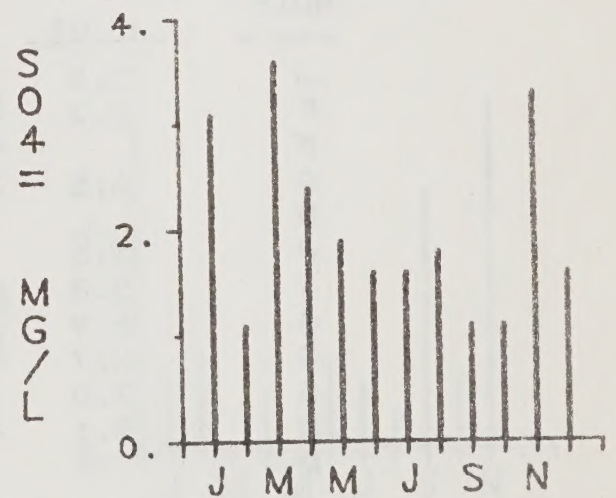
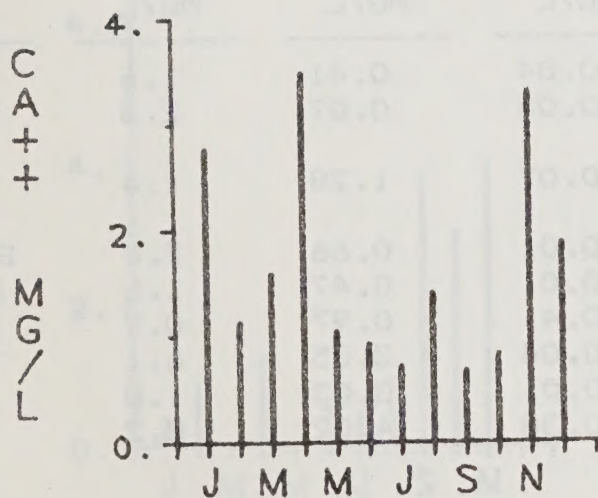
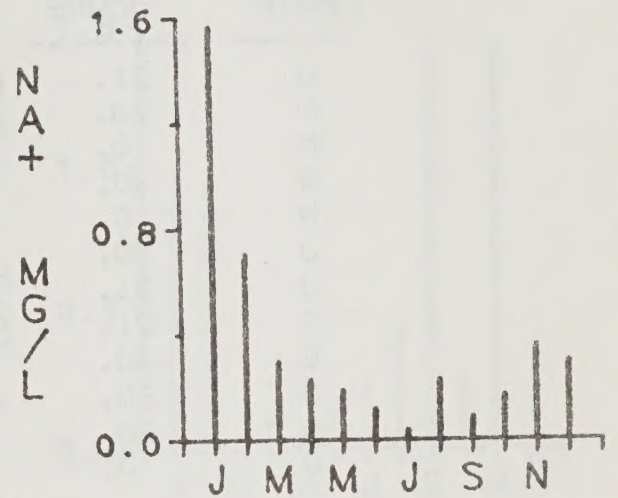
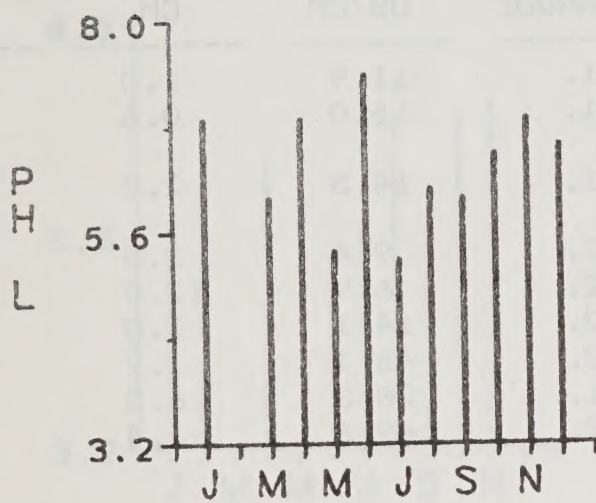
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	19.	27.8	0.2	0.2
F	28.	1.	12.9	1.2	0.8
M	31.	1.	21.3	0.6	0.4
A	30.	1.	28.4	1.0	0.5
M	32.	1.	12.9	9.8	8.2
J	29.	12.	9.5	5.2	3.5
J	31.	12.	9.1	9.3	7.2
A	31.	123.	11.1	4.8	4.5
S	30.	12.	7.0	6.3	4.9
O	31.	1.	9.1	1.9	2.3
N	30.	12.	24.7	0.5	0.4
D	31.	1.	17.1	2.0	1.2

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	6.9	0.27	2.78	3.1	1.12
F		0.17	1.14	1.1	1.19
M	6.0	0.73	1.60	3.6	2.35
A	6.9	0.39	3.49	2.4	1.24
M	5.4	0.34	1.05	1.9	0.80
J	7.4	0.01	0.93	1.6	0.22
J	5.3	0.01	0.72	1.6	0.49
A	6.1	0.02	1.41	1.8	0.40
S	6.0	0.21	0.68	1.1	0.49
O	6.5	0.18	0.83	1.1	0.63
N	6.9	0.36	3.31	3.3	0.86
D	6.6	0.22	1.88	1.6	1.23

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.11	1.57	0.29	0.26	
F	BDL/SLD	0.71	0.13	0.07	
M	0.60	0.30	0.19	0.09	1.2
A	0.40	0.23	0.32	0.11	1.2
M	0.10	0.19	0.15	0.08	1.8
J	0.30	0.12	0.11	0.17	1.0
J	0.10	0.04	0.09	0.06	1.2
A	0.17	0.23	0.13	0.04	1.1
S	0.18	0.09	0.10	0.01	1.1
O	0.17	0.17	0.10	0.08	0.6
N	0.50	0.36	0.38	0.21	1.2
D	0.70	0.30	0.21	0.18	0.9

EDSON

1981



STATION : FORT MCMURRAY
1981

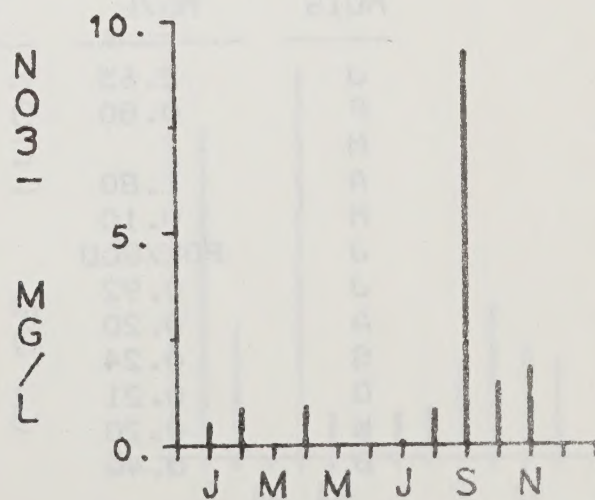
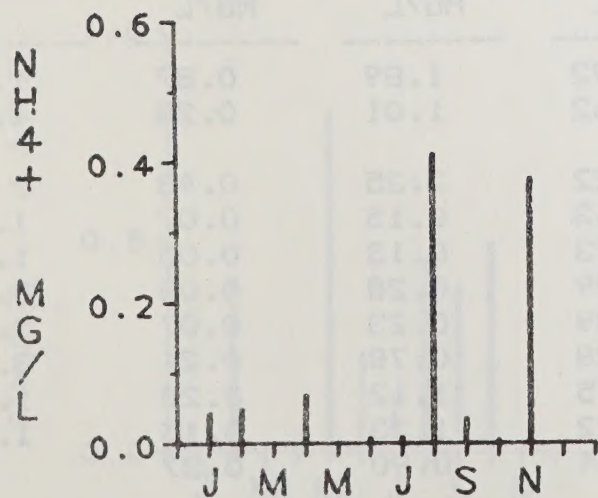
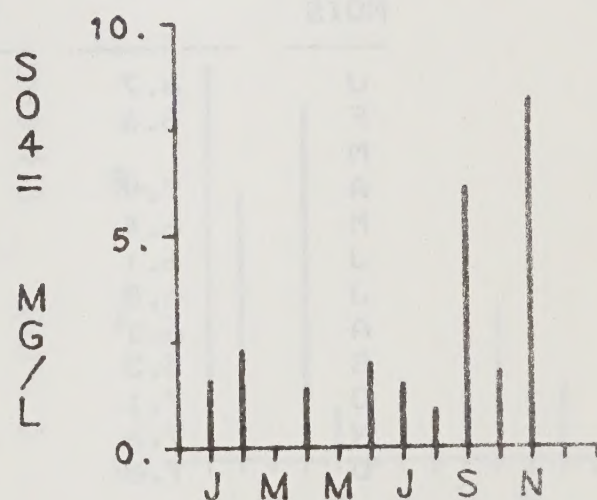
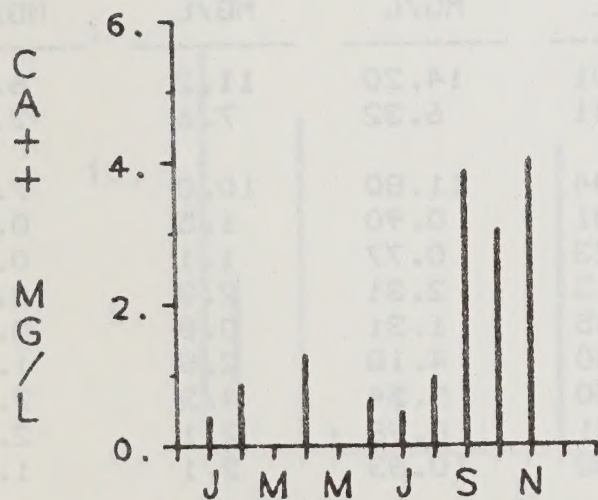
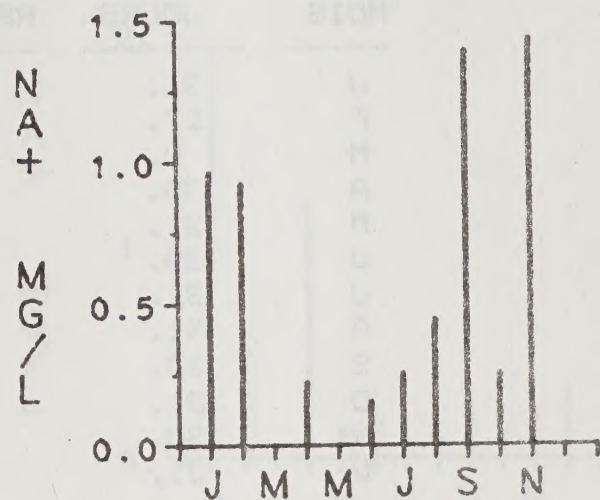
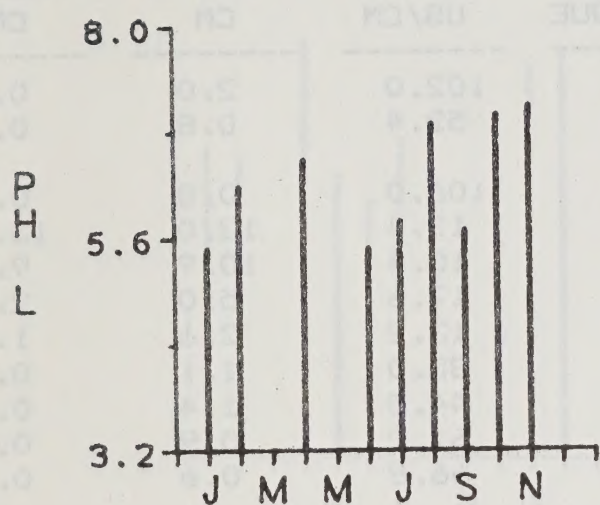
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	11.9	1.0	0.6
F	28.	1.	16.0	0.6	0.4
M	0.				
A	30.	1.	14.5	2.9	1.7
M	0.				
J	30.	12.	9.4	3.5	2.4
J	31.	2.	6.9	12.0	9.7
A	31.	12.	14.1	2.8	2.2
S	30.	12.	46.1	1.2	0.7
O	30.	1.	28.3	6.3	3.1
N	30.	12.	49.6	1.4	0.8
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.5	0.04	0.41	1.6	0.54
F	6.2	0.05	0.87	2.3	0.88
M					
A	6.5	0.07	1.28	1.4	0.93
M					
J	5.5	0.01	0.66	2.0	BDL/SLD
J	5.8	0.01	0.47	1.5	0.09
A	6.9	0.41	0.97	0.9	0.84
S	5.7	0.04	3.85	6.1	9.25
O	7.0	0.01	3.03	1.8	1.47
N	7.1	0.38	4.02	8.2	1.83
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.67	0.97	0.12	0.06	1.3
F	1.30	0.93	0.23	0.07	1.0
M					
A	0.40	0.23	0.37	0.06	1.1
M					
J	0.30	0.16	0.20	0.08	1.2
J	0.10	0.26	0.14	0.05	1.1
A	0.70	0.45	0.28	0.28	1.2
S	1.56	1.40	1.02	0.52	1.1
O	0.21	0.26	1.00	0.08	1.1
N	2.10	1.44	1.83	0.16	1.2
D					

FORT MCMURRAY

1981



STATION : LETHBRIDGE
1981

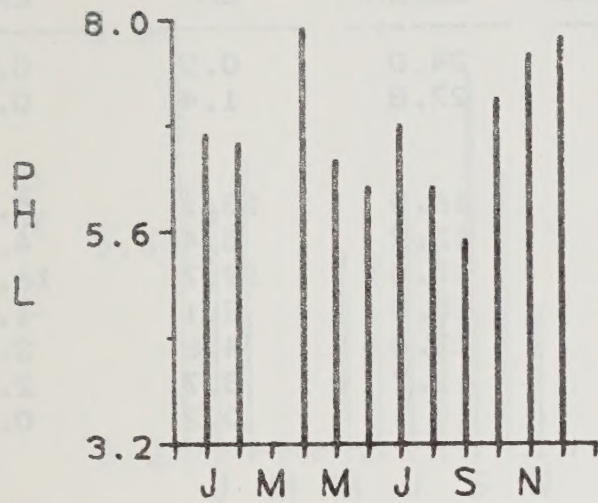
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	102.0	2.0	0.6
F	27.	1.	52.4	0.8	0.4
M	0.				
A	30.	1.	106.0	0.8	0.5
M	31.	0.	13.4	13.0	13.0
J	30.	0.	10.4	10.9	9.0
J	31.	1.	17.6	5.0	2.3
A	31.	1.	13.2	2.6	1.6
S	30.	1.	33.0	1.1	0.8
O	31.	1.	44.3	1.4	0.7
N	30.	1.	61.2	0.9	0.4
D	31.	12.	66.8	0.6	0.2

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	6.7	0.01	14.20	11.2	6.20
F	6.6	0.41	6.32	7.6	2.55
M					
A	7.9	0.04	11.80	10.0	7.35
M	6.4	0.81	0.90	1.5	0.84
J	6.1	0.23	0.77	1.1	0.58
J	6.8	0.13	2.31	2.3	0.84
A	6.1	0.45	1.31	0.8	0.93
S	5.5	0.40	4.18	2.8	1.81
O	7.1	0.50	5.54	4.3	2.88
N	7.6	0.01	8.98	2.1	2.14
D	7.8	0.03	10.83	2.1	1.87

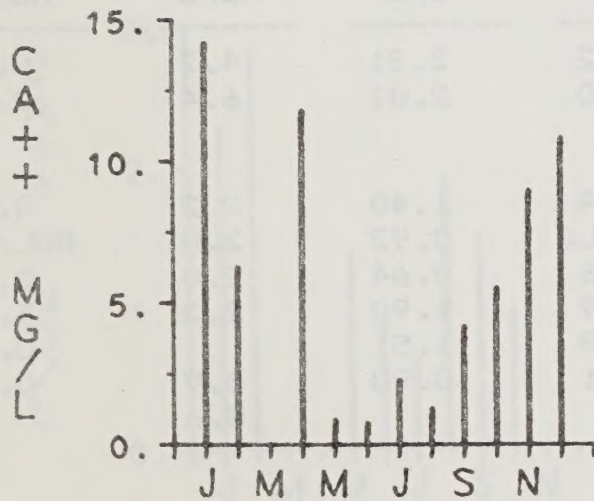
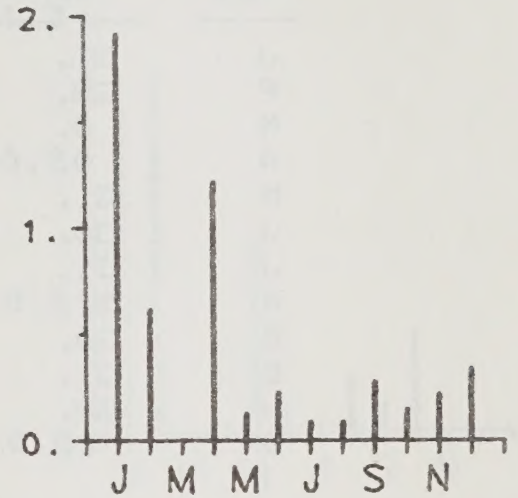
MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	2.65	1.92	1.89	0.87	1.2
F	0.80	0.62	1.01	0.28	1.1
M					
A	1.80	1.22	2.35	0.48	
M	0.10	0.13	0.15	0.07	1.2
J	BDL/SLD	0.23	0.13	0.05	1.2
J	0.92	0.09	0.28	0.08	0.9
A	0.20	0.09	0.23	0.07	1.2
S	0.24	0.28	0.78	0.21	3.3
O	0.21	0.15	1.12	0.20	1.2
N	0.20	0.22	1.33	0.15	1.5
D	0.40	0.34	0.90	0.37	

LETHBRIDGE

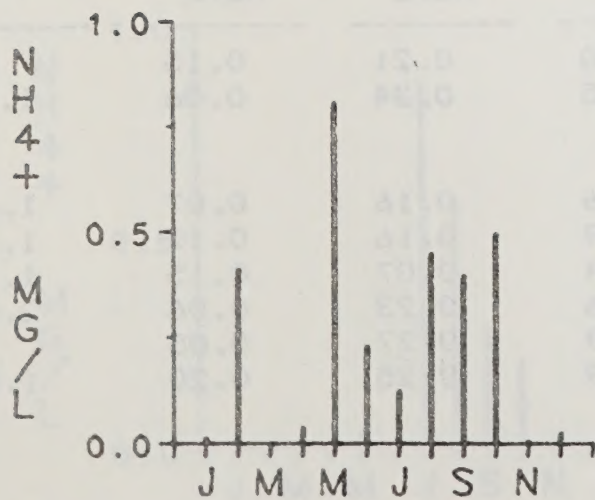
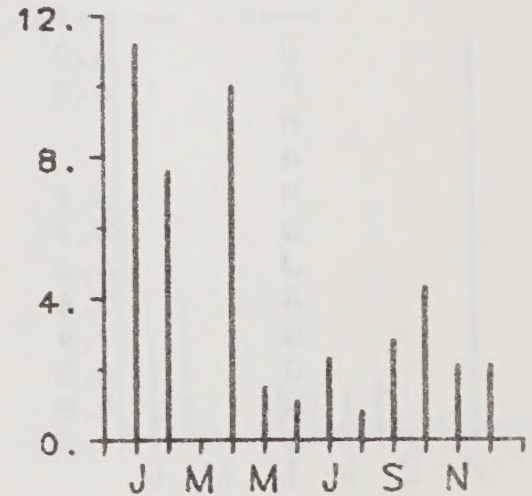
1981



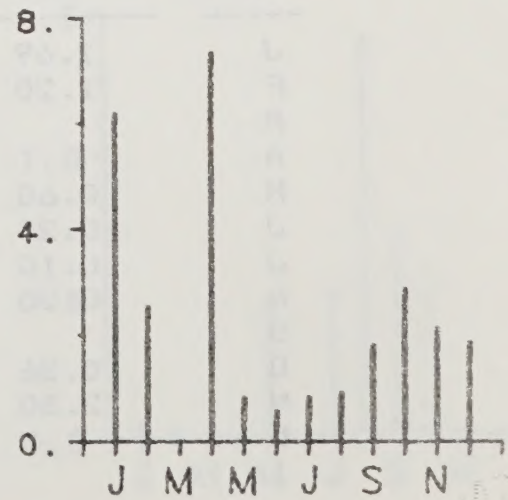
NA +
MG/L



SO4 =
MG/L



NO3 -
MG/L



STATION : ROCKY MTN HOUSE
1981

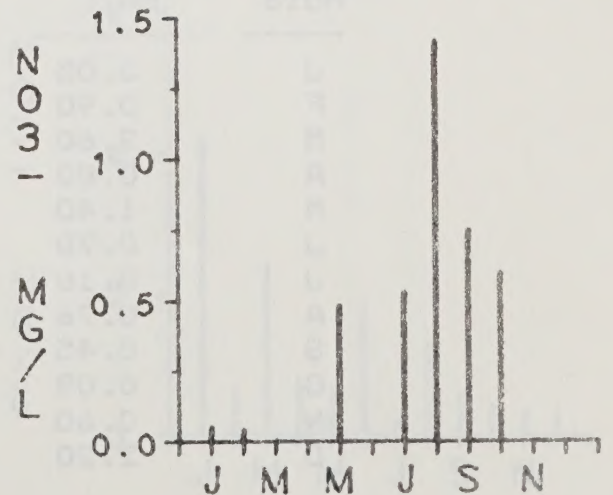
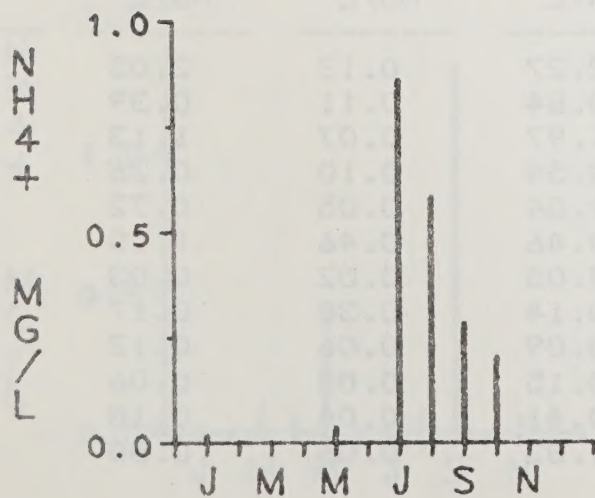
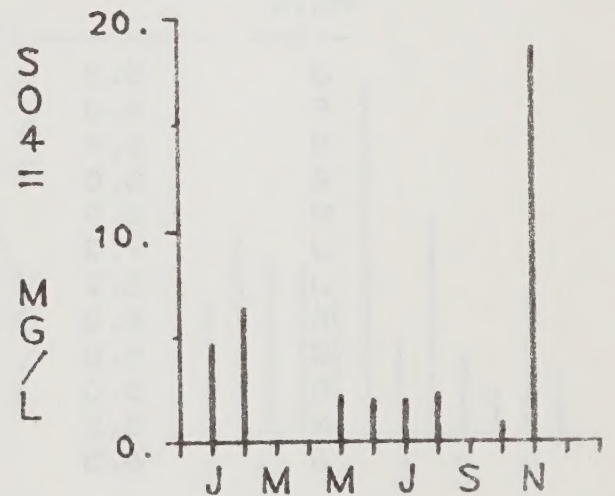
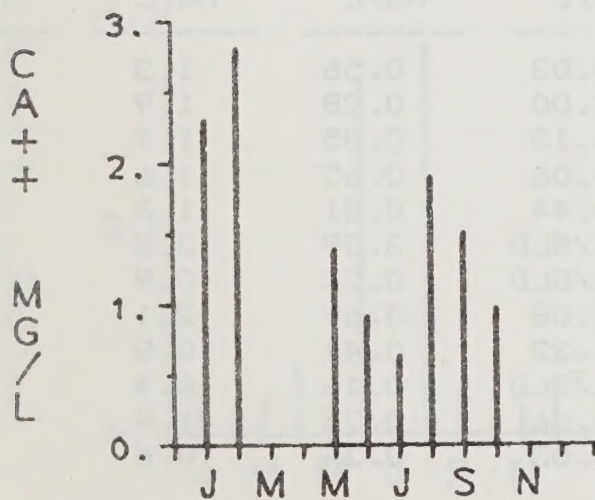
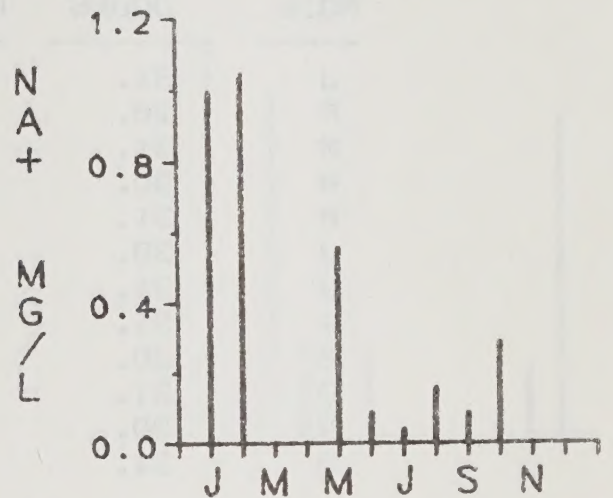
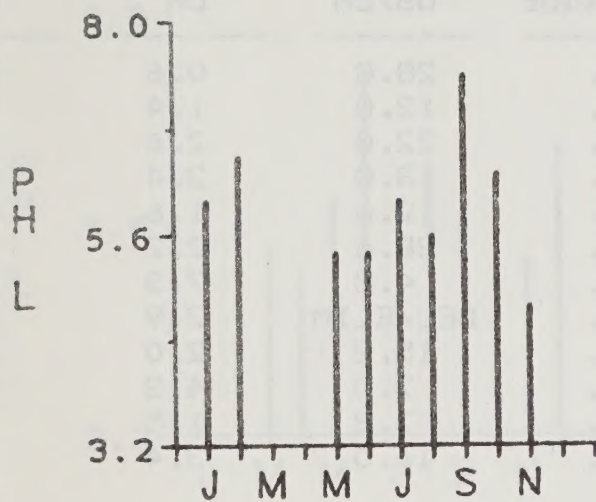
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	19.	24.0	0.2	0.2
F	28.	12.	27.8	1.4	0.4
M	0.				
A	0.				
M	31.	0.	16.5	13.1	5.8
J	30.	12.	12.2	5.4	4.7
J	31.	2.	12.0	19.7	16.9
A	31.	1.	15.0	2.1	1.8
S	30.	19.	12.8	4.8	3.7
O	31.	1.	11.7	3.7	2.1
N	30.	129.		0.3	0.1
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SD4 = MG/L	NO3- MG/L
J	6.0	0.02	2.31	4.7	0.05
F	6.5	0.00	2.81	6.4	0.04
M					
A					
M	5.4	0.04	1.40	2.2	0.49
J	5.4	BDL/SLD	0.92	2.0	BDL/SLD
J	6.0	0.86	0.64	2.0	0.53
A	5.6	0.59	1.90	2.3	1.42
S	7.4	0.29	1.51		0.75
O	6.3	0.21	0.98	0.9	0.60
N	4.8			18.6	
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.69	1.00	0.21	0.15	
F	1.20	1.05	0.34	0.06	1.0
M					
A					
M	0.60	0.56	0.16	0.07	1.6
J	0.20	0.09	0.16	0.12	1.5
J	0.10	0.04	0.07	0.15	1.1
A	0.30	0.16	0.23	0.06	2.0
S		0.09	0.27	0.05	
O	0.36	0.29	0.25	0.20	1.8
N	2.30				
D					

ROCKY MTN HOUSE

1981



STATION : CREE LAKE
1981

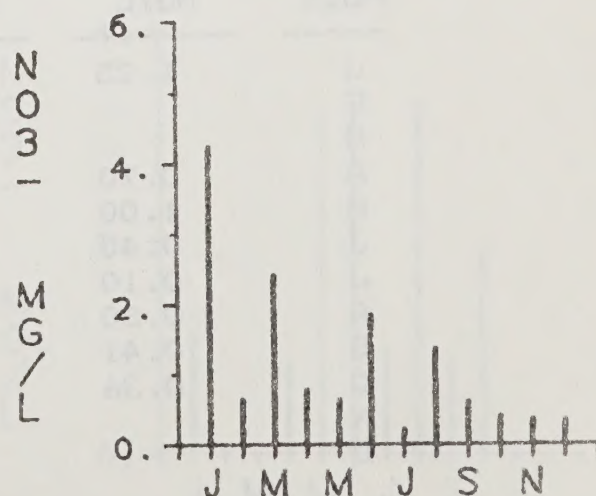
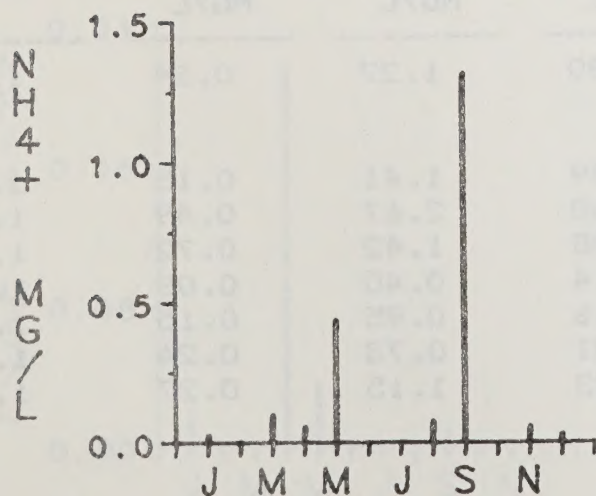
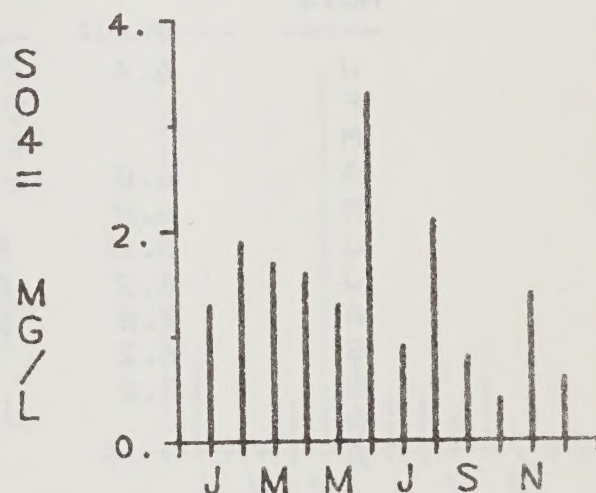
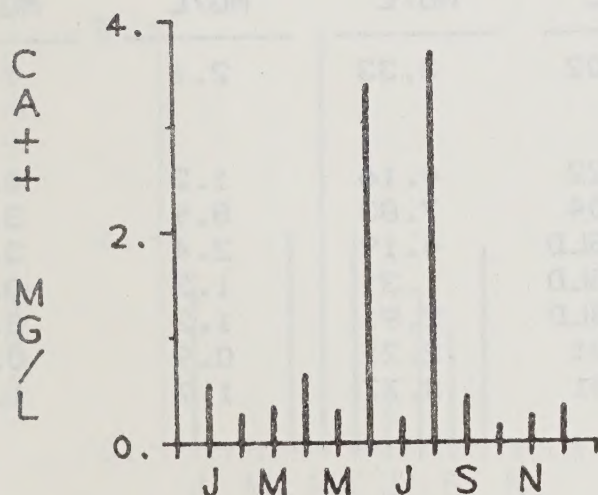
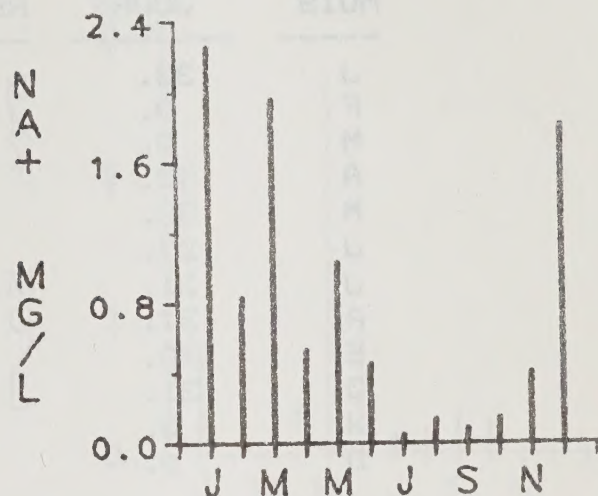
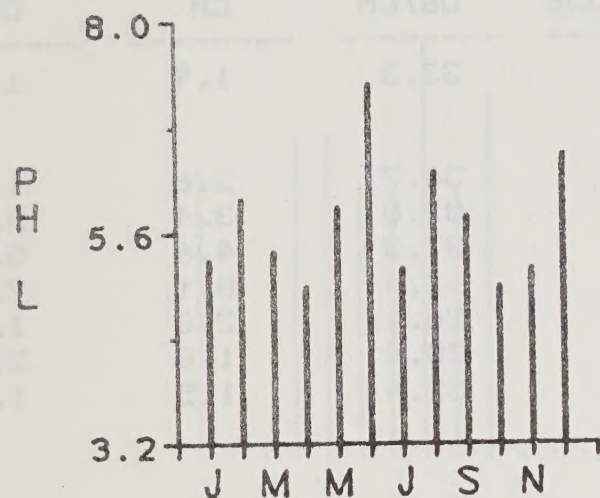
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	12.	28.8	0.6	0.3
F	28.	12.	12.0	1.4	1.0
M	31.	12.	22.0	2.6	1.4
A	30.	1.	13.0	2.4	0.9
M	31.	1.	12.6	1.6	1.4
J	30.	1.	28.6	2.2	1.4
J	31.	12.	4.8	7.3	6.3
A	31.	125.	DEL/ELIM	2.9	2.3
S	30.	1.	15.2	2.0	1.6
O	31.	0.	7.0	4.3	3.1
N	30.	0.	7.3	1.5	1.0
D	31.	12.	16.0	3.4	0.7

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SD4 = MG/L	NO3- MG/L
J	5.3	0.03	0.56	1.3	4.26
F	6.0	0.00	0.28	1.9	0.66
M	5.4	0.10	0.35	1.7	2.43
A	5.0	0.06	0.65	1.6	0.80
M	5.9	0.44	0.31	1.3	0.66
J	7.3	BDL/SLD	3.39	3.3	1.86
J	5.2	BDL/SLD	0.23	0.9	0.22
A	6.3	0.08	3.69	2.1	1.37
S	5.8	1.32	0.44	0.8	0.62
O	5.0	BDL/SLD	0.16	0.4	0.41
N	5.2	0.06	0.25	1.4	0.37
D	6.5	0.03	0.34	0.6	0.36

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	3.05	2.27	0.13	2.03	1.1
F	0.90	0.84	0.11	0.39	0.7
M	2.60	1.97	0.07	1.13	1.0
A	0.80	0.54	0.10	0.26	1.2
M	1.40	1.04	0.05	0.72	1.2
J	0.70	0.46	0.46	1.10	1.2
J	0.10	0.05	0.02	0.03	0.9
A	0.76	0.14	0.30	0.17	2.3
S	0.45	0.09	0.06	0.12	2.7
O	0.09	0.15	0.03	0.06	1.6
N	0.60	0.41	0.04	0.18	0.9
D	2.20	1.82	0.06	0.80	1.2

CREE LAKE

1981



STATION : KINDERSLEY
1981

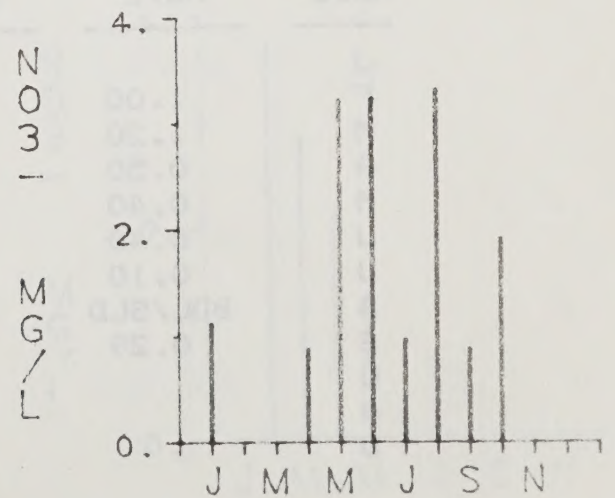
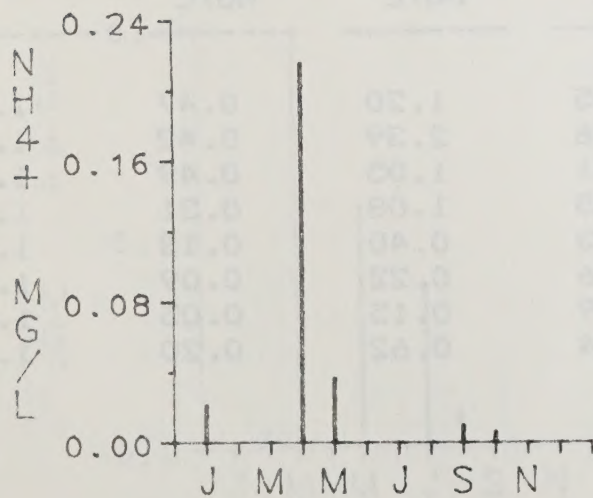
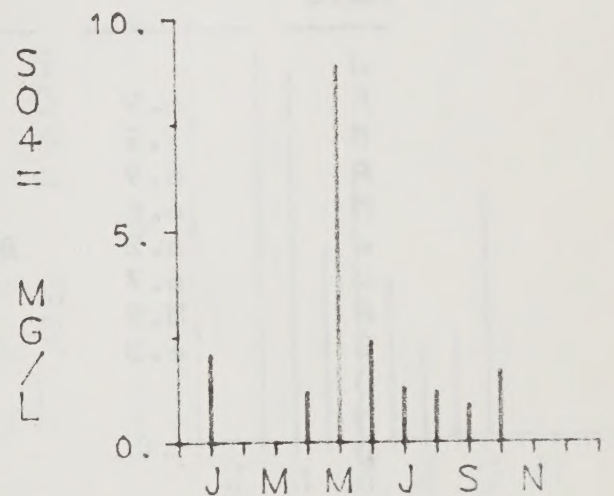
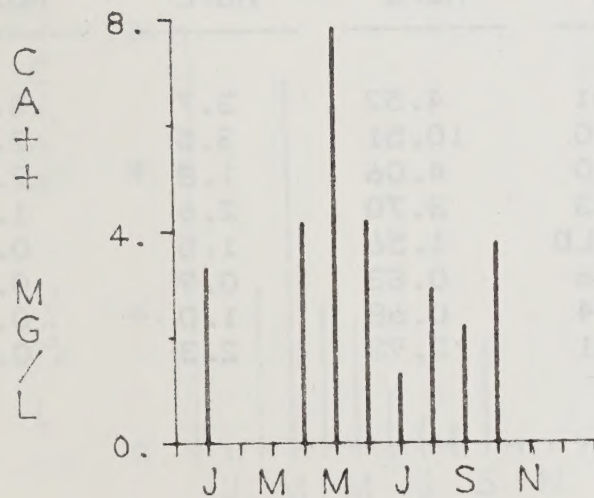
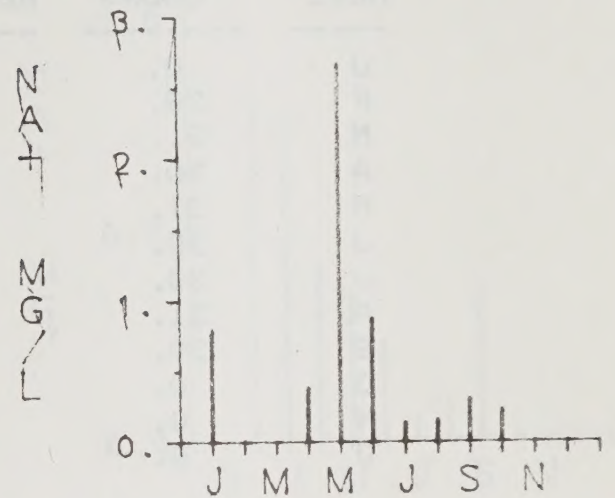
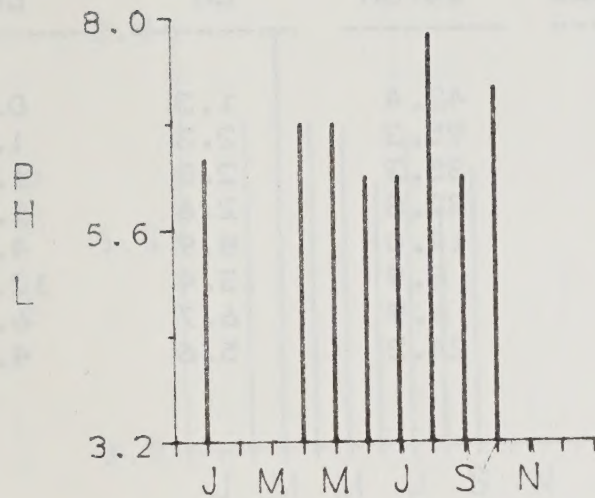
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	33.	1.	33.3	1.9	1.5
F	0.				
M	0.				
A	30.	1.	36.7	2.6	1.7
M	32.	1.	82.8	3.4	3.9
J	29.	1.	37.3	4.6	5.4
J	31.	1.	12.4	8.1	7.3
A	31.	1.	26.1	2.0	1.5
S	30.	1.	20.4	1.8	2.3
O	31.	1.	32.4	1.5	1.1
N	0.				
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	6.4	0.02	3.33	2.1	1.13
F					
M					
A	6.8	0.22	4.16	1.2	0.89
M	6.8	0.04	7.83	8.9	3.23
J	6.2	BDL/SLD	4.19	2.4	3.23
J	6.2	BDL/SLD	1.31	1.3	0.97
A	7.8	BDL/SLD	2.91	1.2	3.32
S	6.2	0.01	2.21	0.9	0.89
O	7.2	0.01	3.77	1.7	1.91
N					
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.25	0.80	1.27	0.34	1.1
F					
M					
A	0.70	0.39	1.41	0.15	1.0
M	1.00	2.68	2.67	0.49	1.1
J	0.40	0.88	1.42	0.72	1.3
J	0.10	0.14	0.40	0.08	1.0
A	0.30	0.16	0.95	0.15	1.1
S	0.41	0.31	0.73	0.24	1.1
O	0.36	0.23	1.15	0.27	1.0
N					
D					

KINDERSLEY

1981



STATION : WYNYARD
1981

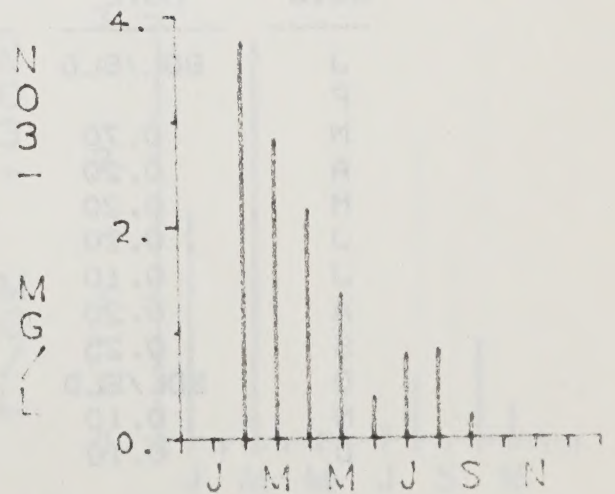
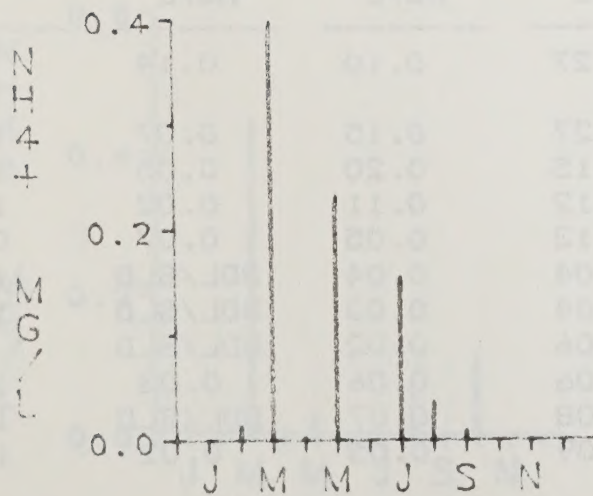
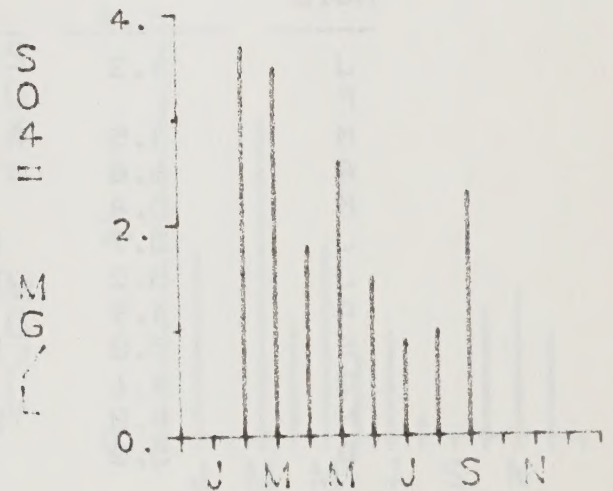
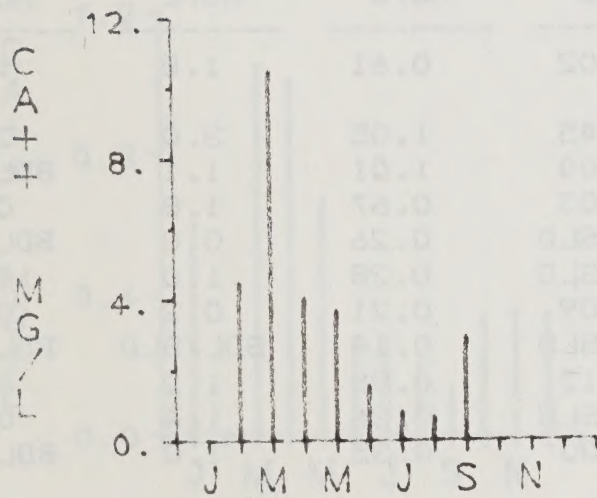
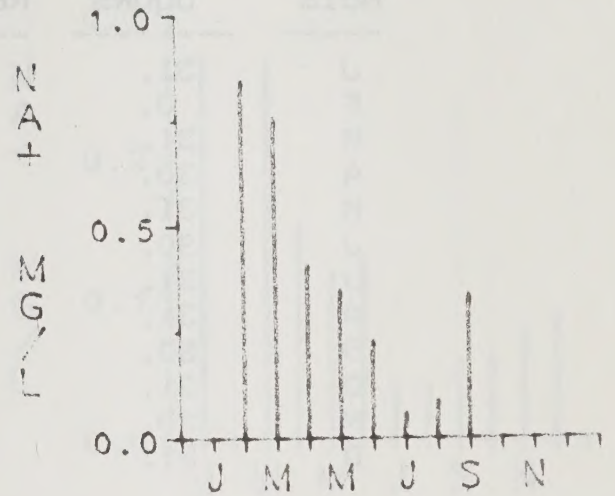
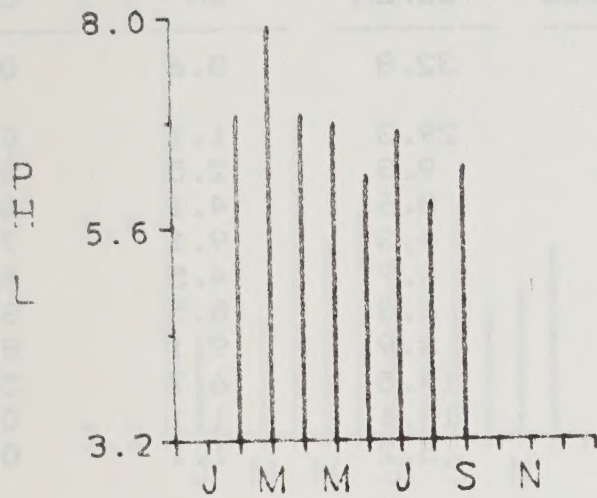
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	0.				
F	28.	1.	43.4	1.3	0.6
M	31.	1.	95.3	2.3	1.1
A	30.	1.	35.2	2.3	1.6
M	31.	1.	32.8	2.6	1.6
J	30.	1.	14.0	8.9	4.2
J	30.	1.	8.9	13.4	12.3
A	31.	1.	6.9	6.7	6.3
S	30.	1.	24.2	5.6	4.9
O	0.				
N	0.				
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J					
F	6.9	0.01	4.52	3.7	3.76
M	7.9	0.40	10.51	3.5	2.83
A	6.9	0.00	4.06	1.8	2.17
M	6.8	0.23	3.70	2.6	1.37
J	6.2	BDL/SLD	1.56	1.5	0.40
J	6.7	0.16	0.83	0.9	0.80
A	5.9	0.04	0.68	1.0	0.84
S	6.3	0.01	2.93	2.3	0.22
O					
N					
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J					
F	1.00	0.85	1.20	0.47	1.1
M	1.20	0.76	2.39	0.42	1.0
A	0.50	0.41	1.05	0.49	1.1
M	0.40	0.35	1.08	0.31	1.2
J	0.40	0.23	0.40	0.13	1.0
J	0.10	0.06	0.22	0.09	1.0
A	BDL/SLD	0.09	0.15	0.05	1.0
S	0.29	0.34	0.62	0.20	1.3
O					
N					
D					

WYNARD

1981



STATION : BISSETT
1981

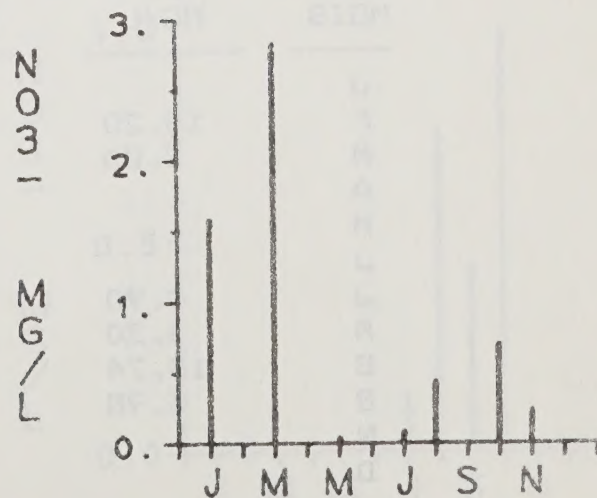
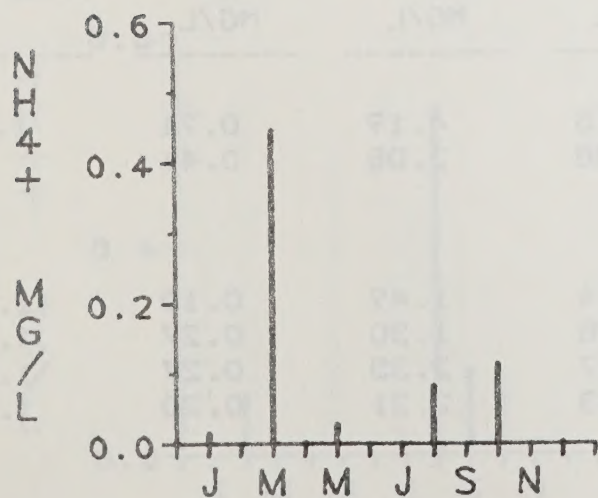
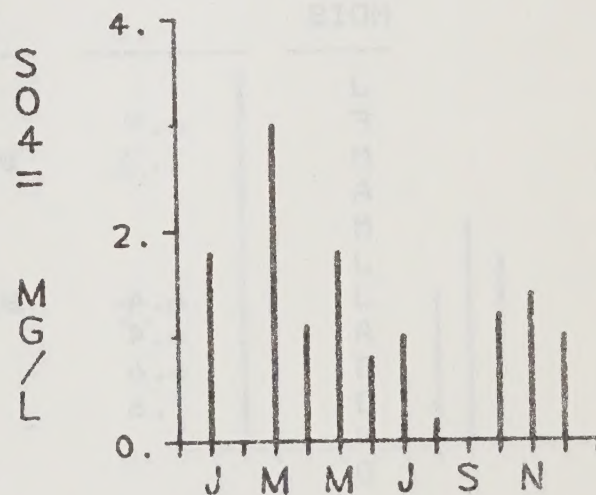
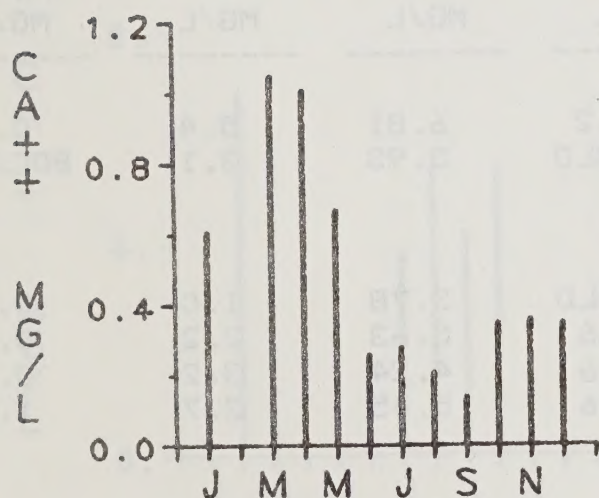
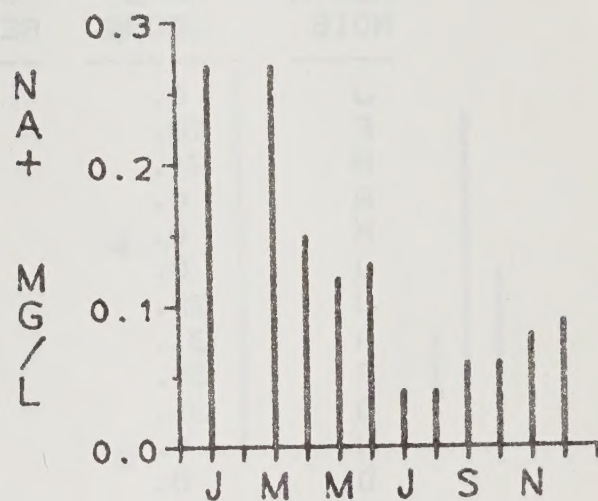
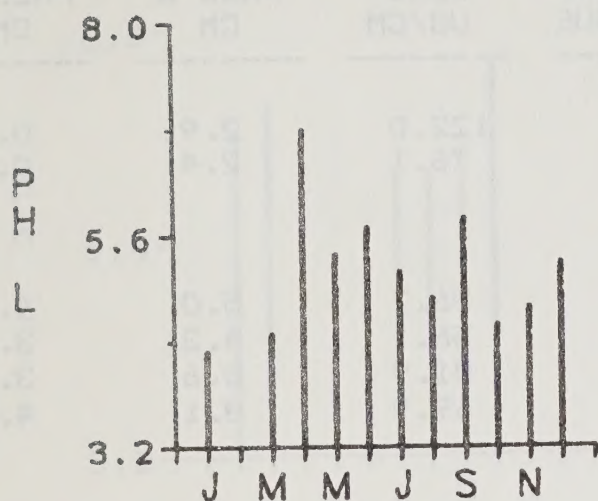
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	19.	32.8	0.6	0.3
F	0.				
M	31.	1.	29.3	1.1	0.8
A	30.	1.	9.3	2.5	2.1
M	31.	2.	8.6	4.1	3.6
J	30.	1.	4.3	9.1	7.6
J	31.	0.	4.7	4.5	4.0
A	31.	3.	6.3	8.5	8.2
S	30.	0.	3.9	9.1	8.1
O	31.	3.	14.5	6.7	5.5
N	30.	2.	10.1	1.1	0.7
D	31.	0.	5.2	1.1	0.5

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SD4 = MG/L	NO3- MG/L
J	4.3	0.02	0.61	1.8	1.59
F					
M	4.5	0.45	1.05	3.0	2.83
A	6.8	0.00	1.01	1.1	BDL/SLD
M	5.4	0.03	0.67	1.8	0.04
J	5.7	BDL/SLD	0.26	0.8	BDL/SLD
J	5.2	BDL/SLD	0.28	1.0	0.09
A	4.9	0.09	0.21	0.2	0.44
S	5.8	BDL/SLD	0.14	BDL/SLD	BDL/SLD
O	4.6	0.12	0.35	1.2	0.70
N	4.8	BDL/SLD	0.36	1.4	0.24
D	5.3	0.00	0.35	1.0	BDL/SLD

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	BDL/SLD	0.27	0.10	0.14	
F					
M	0.70	0.27	0.15	0.07	1.1
A	0.20	0.15	0.20	0.05	1.2
M	0.20	0.12	0.11	0.02	1.2
J	0.20	0.13	0.05	0.07	0.8
J	0.10	0.04	0.04	BDL/SLD	1.0
A	0.20	0.04	0.03	BDL/SLD	1.9
S	0.25	0.06	0.02	BDL/SLD	
O	BDL/SLD	0.06	0.06	0.03	1.5
N	0.10	0.08	0.07	BDL/SLD	1.2
D	0.10	0.09	0.05	0.02	1.3

BISSETT

1981



STATION : CHURCHILL
1981

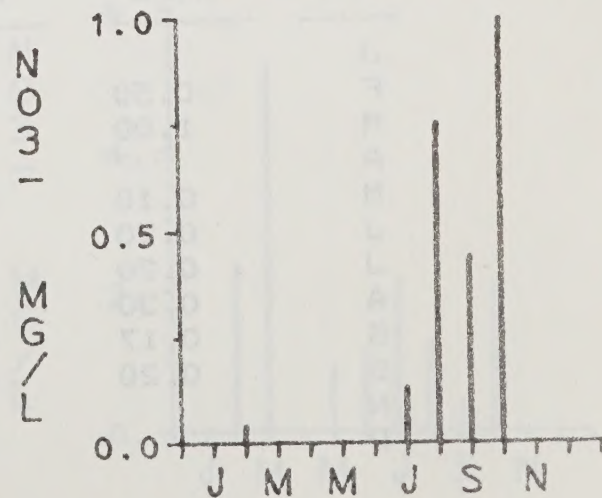
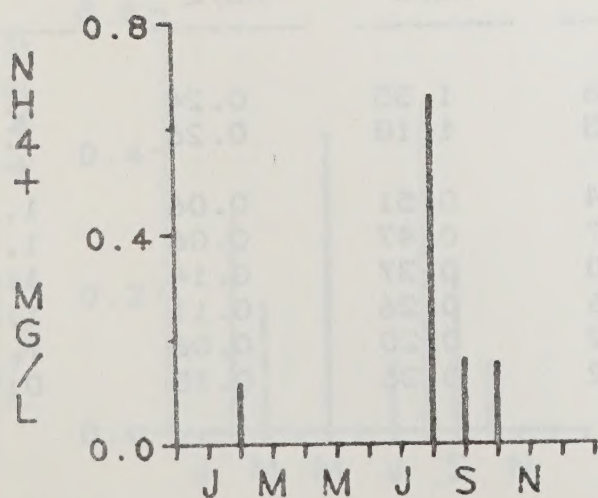
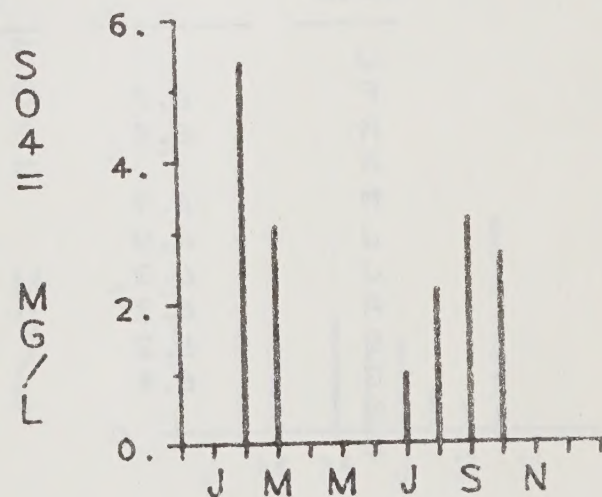
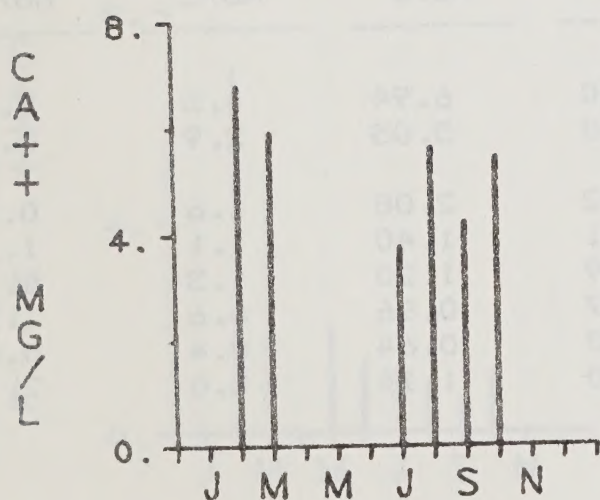
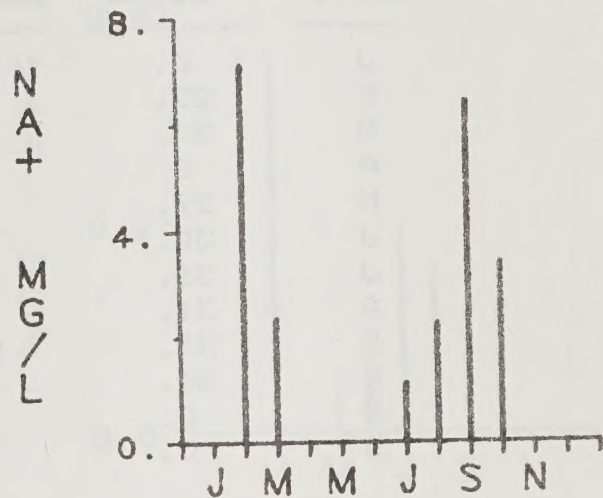
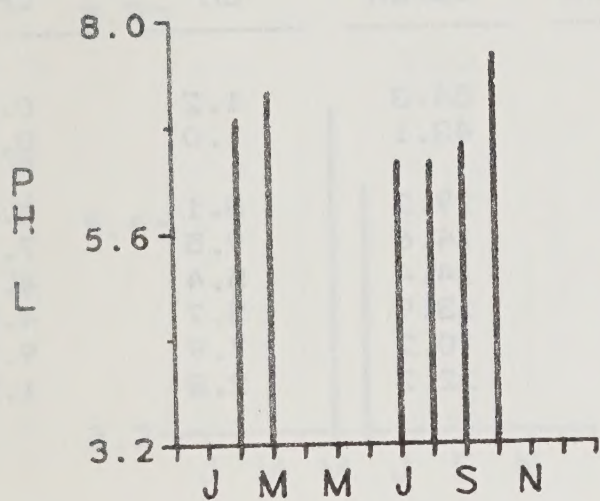
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	0.				
F	28.	1.	122.0	2.9	0.7
M	31.	2.	76.1	2.4	0.2
A	0.				
M	0.				
J	0.				
J	28.	0.	36.7	5.0	4.0
A	31.	1.	56.1	4.3	3.1
S	30.	1.	81.9	5.6	3.9
O	31.	1.	69.9	8.1	4.4
N	0.				
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J					
F	6.9	0.12	6.81	5.4	0.04
M	7.2	BDL/SLD	5.93	3.1	BDL/SLD
A					
M					
J					
J	6.4	BDL/SLD	3.78	1.0	0.13
A	6.4	0.66	5.63	2.2	0.75
S	6.6	0.16	4.24	3.2	0.44
O	7.6	0.16	5.45	2.7	1.00
N					
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J					
F	13.20	7.15	4.19	0.71	1.0
M	3.80	2.38	3.08	0.41	
A					
M					
J					
J	0.90	1.14	1.49	0.10	1.1
A	3.30	2.28	1.30	0.27	1.1
S	10.74	6.47	2.35	0.27	1.0
O	5.98	3.43	2.21	0.20	1.1
N					
D					

CHURCHILL

1981



STATION : DAUPHIN
1981

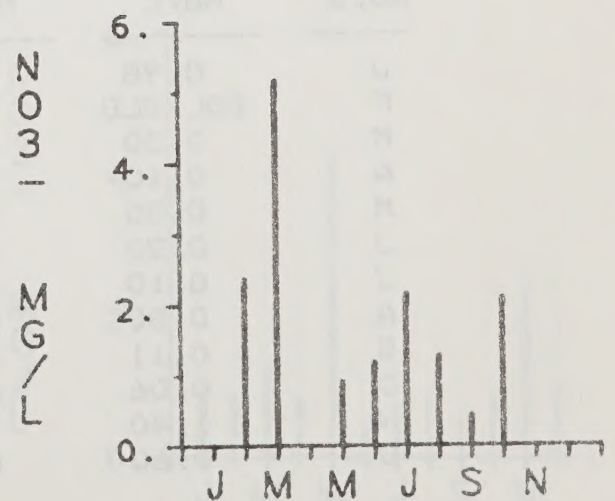
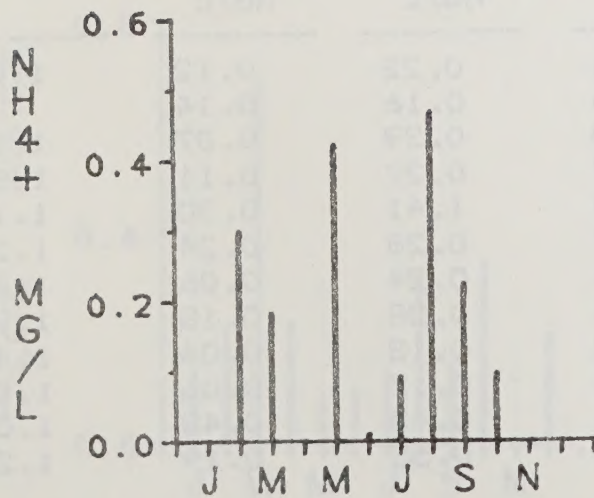
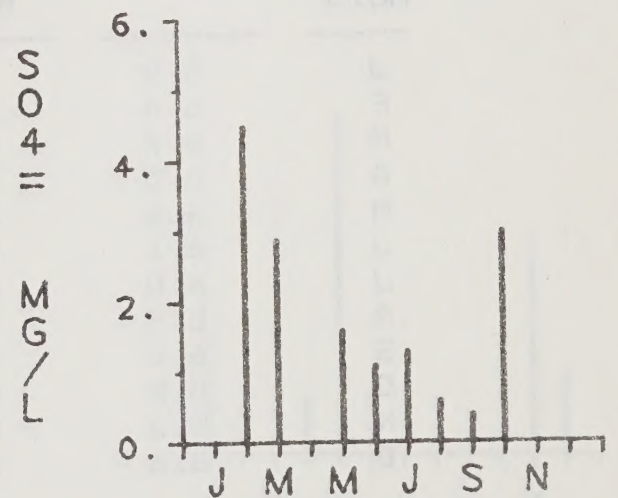
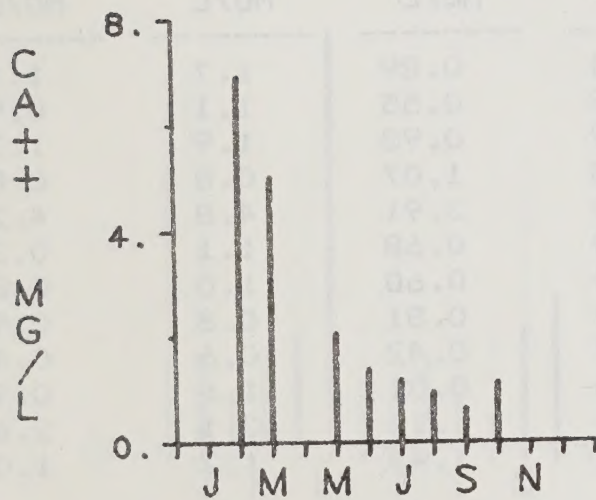
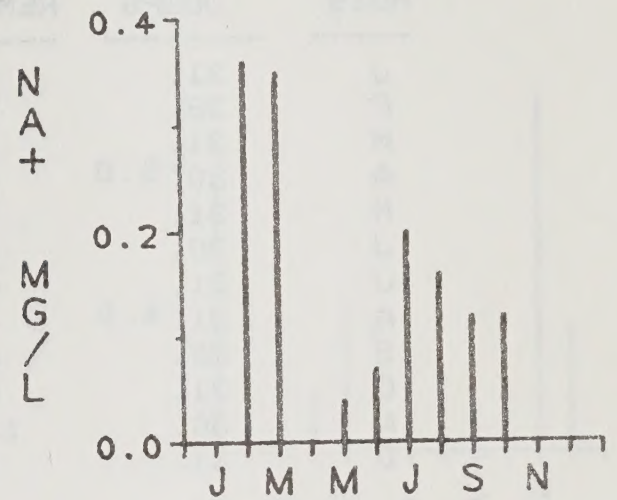
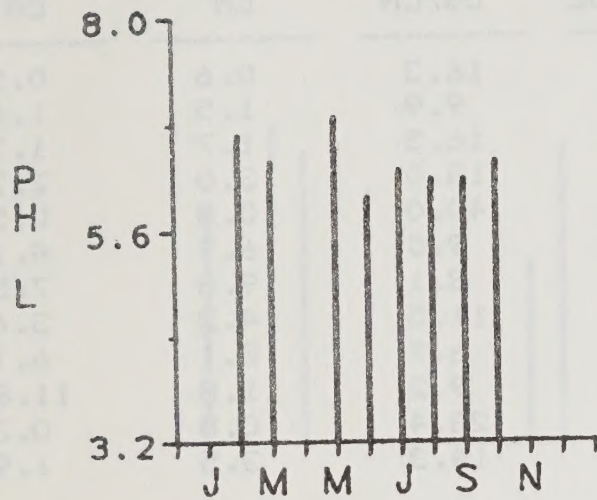
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	0.				
F	27.	0.	54.3	1.2	0.5
M	31.	1.	43.1	1.0	0.7
A	0.				
M	27.	1.	19.2	8.1	6.4
J	30.	1.	14.6	9.5	7.0
J	31.	1.	14.4	5.4	4.1
A	31.	1.	13.9	5.7	4.5
S	31.	12.	10.2	7.9	9.3
O	30.	1.	22.2	2.8	1.9
N	0.				
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J					
F	6.7	0.30	6.94	4.5	2.39
M	6.4	0.18	5.05	2.9	5.18
A					
M	6.9	0.42	2.08	1.6	0.93
J	6.0	0.01	1.40	1.1	1.20
J	6.3	0.09	1.20	1.3	2.17
A	6.2	0.47	0.96	0.6	1.28
S	6.2	0.23	0.64	0.4	0.44
O	6.4	0.10	1.14	3.0	2.11
N					
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J					
F	0.50	0.36	1.35	0.24	1.1
M	1.00	0.35	1.18	0.26	1.5
A					
M	0.10	0.04	0.51	0.06	1.3
J	0.20	0.07	0.47	0.06	1.0
J	0.20	0.20	0.37	0.14	1.0
A	0.30	0.16	0.26	0.11	1.3
S	0.17	0.12	0.20	0.06	1.1
O	0.20	0.12	0.36	0.15	0.9
N					
D					

DAUPHIN

1981



STATION : THE PAS
1981

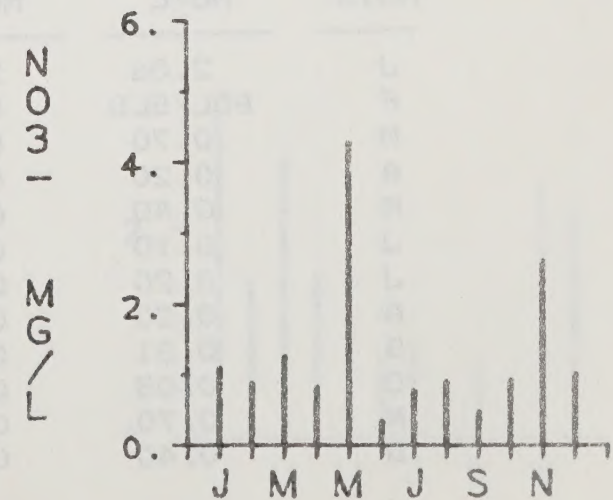
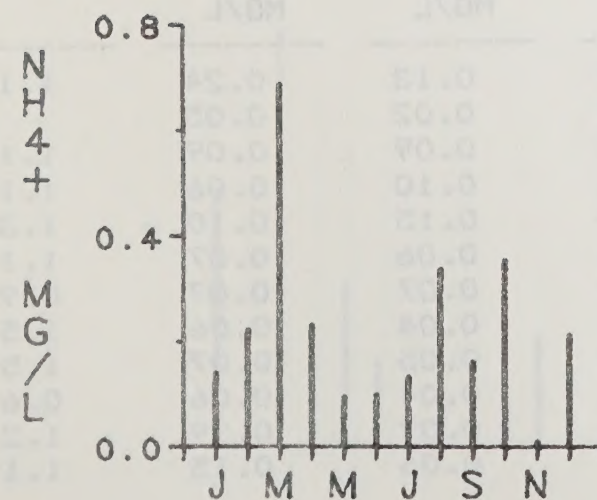
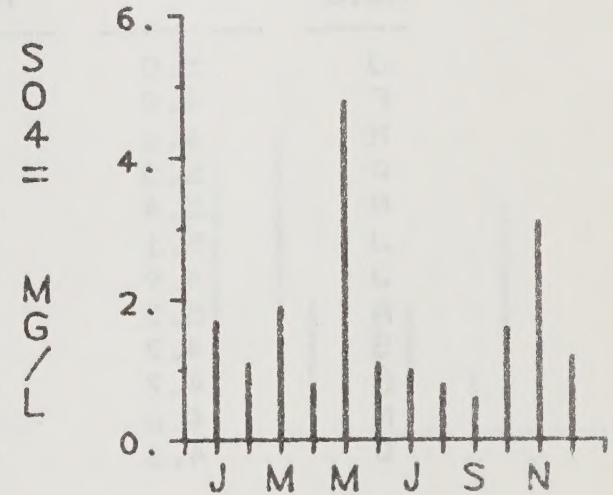
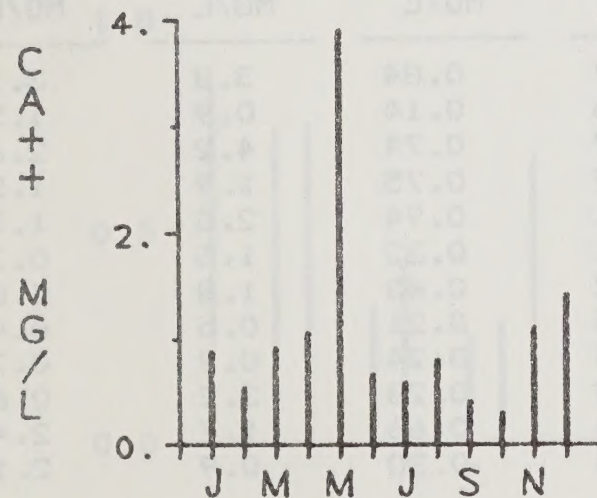
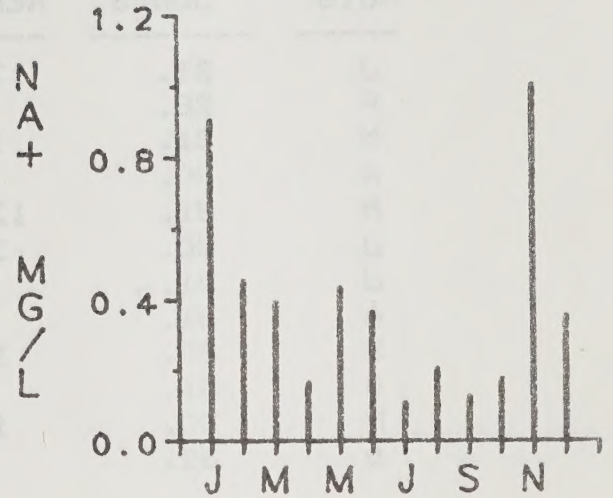
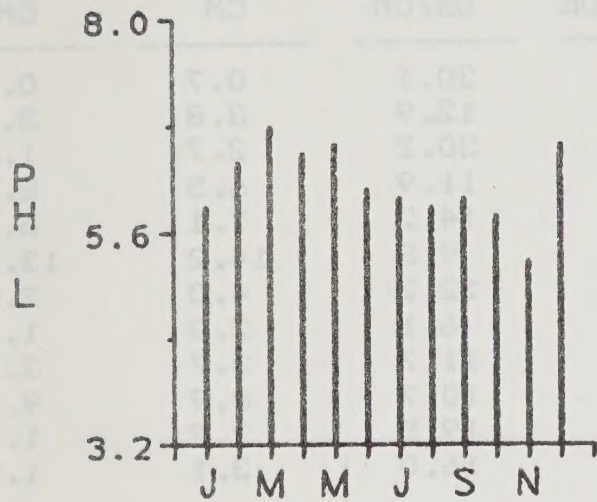
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	16.3	0.6	0.5
F	28.	1.	9.9	1.5	1.0
M	31.	1.	16.5	1.7	1.3
A	30.	1.	13.0	3.0	2.2
M	31.	1.	40.0	0.8	0.5
J	30.	0.	9.0	6.9	4.1
J	31.	0.	8.1	9.8	7.5
A	31.	1.	11.5	4.2	3.4
S	30.	0.	6.7	8.1	6.7
O	31.	0.	9.2	11.8	11.8
N	30.	12.	23.4	0.8	0.3
D	31.	1.	14.3	3.5	1.9

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.9	0.14	0.89	1.7	1.12
F	6.4	0.23	0.55	1.1	0.90
M	6.8	0.69	0.93	1.9	1.28
A	6.5	0.23	1.07	0.8	0.84
M	6.6	0.10	3.91	4.8	4.29
J	6.1	0.10	0.68	1.1	0.35
J	6.0	0.14	0.60	1.0	0.80
A	5.9	0.34	0.81	0.8	0.93
S	6.0	0.17	0.42	0.6	0.49
O	5.8	0.36	0.31	1.6	0.95
N	5.3	0.01	1.12	3.1	2.63
D	6.6	0.22	1.43	1.2	1.04

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.98	0.91	0.22	0.12	1.0
F	BDL/SLD	0.46	0.16	0.14	
M	0.50	0.40	0.39	0.07	1.1
A	0.10	0.17	0.27	0.11	1.3
M	0.30	0.44	1.41	0.30	1.1
J	0.20	0.37	0.28	0.24	1.2
J	0.10	0.11	0.24	0.06	1.7
A	0.30	0.21	0.28	0.18	1.2
S	0.11	0.13	0.13	0.04	1.4
O	0.06	0.18	0.12	0.06	1.0
N	1.40	1.01	0.45	0.43	1.0
D	0.60	0.36	0.55	0.19	1.2

THE PAS

1981



STATION : ATIKOKAN
1981

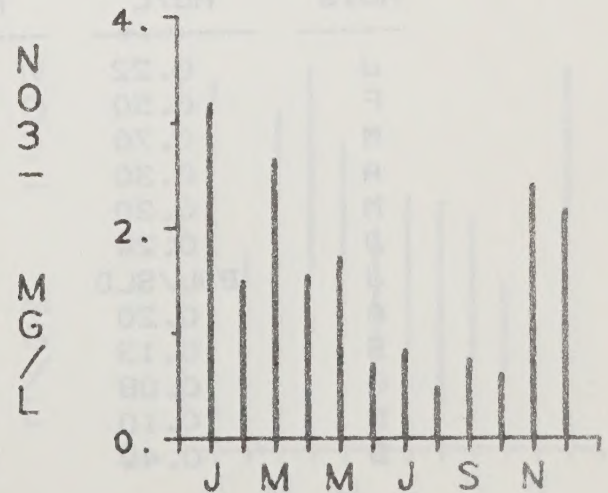
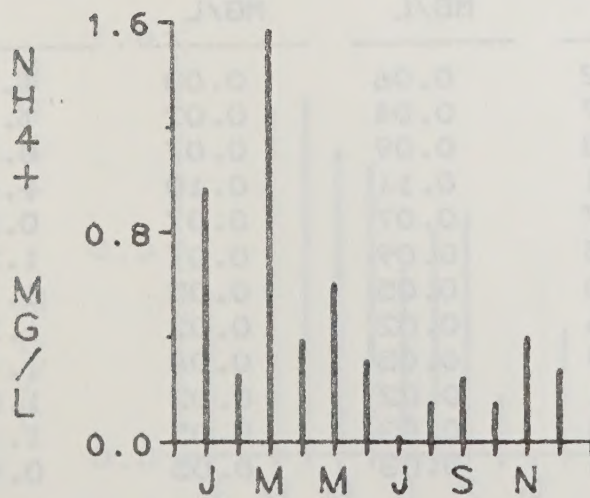
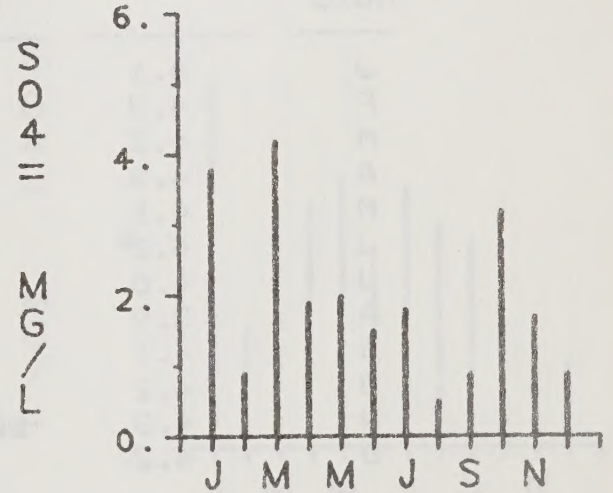
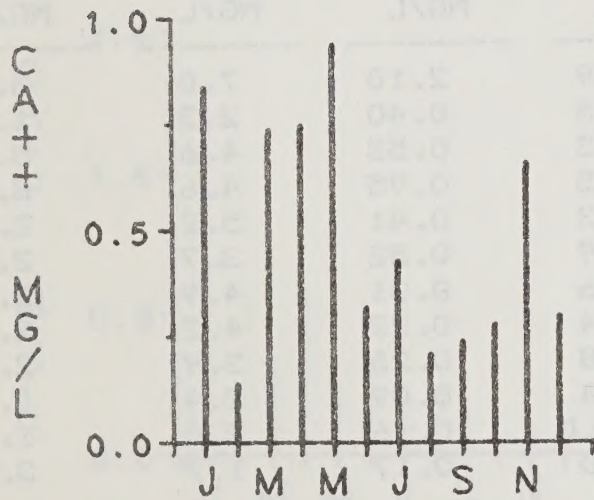
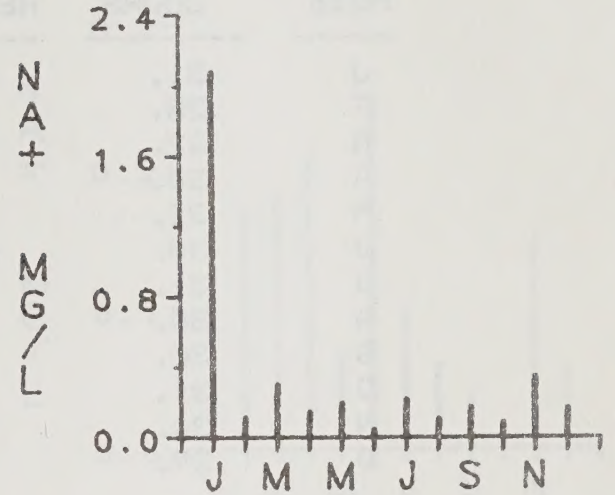
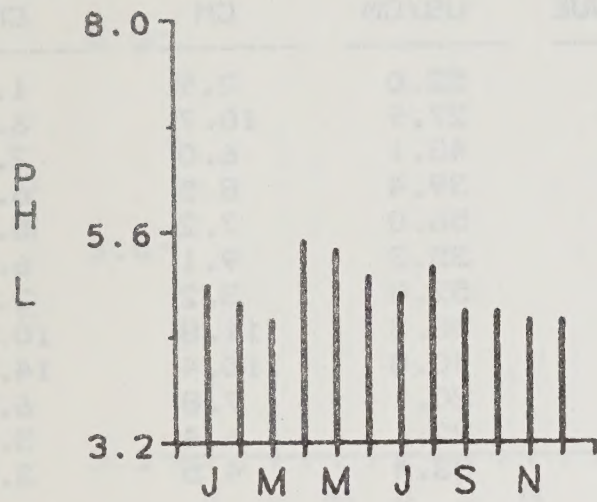
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	129.	30.1	0.7	0.2
F	28.	0.	12.9	3.8	3.1
M	31.	12.	30.2	2.7	1.9
A	30.	1.	11.9	6.5	8.5
M	31.	123.	14.2	7.1	6.1
J	30.	23.	9.8	14.2	13.0
J	31.	1.	12.2	4.0	3.6
A	31.	1.	6.1	2.0	1.8
S	30.	12.	11.7	3.7	3.0
O	31.	1.	10.7	8.9	9.3
N	30.	12.	19.5	2.2	1.9
D	32.	1.	16.0	3.1	1.4

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.0	0.97	0.84	3.8	3.19
F	4.8	0.26	0.14	0.9	1.50
M	4.6	1.57	0.74	4.2	2.66
A	5.5	0.39	0.75	1.9	1.55
M	5.4	0.61	0.94	2.0	1.73
J	5.1	0.31	0.32	1.5	0.71
J	4.9	0.02	0.43	1.8	0.84
A	5.2	0.15	0.21	0.5	0.49
S	4.7	0.25	0.24	0.9	0.75
O	4.7	0.15	0.28	3.2	0.61
N	4.6	0.40	0.66	1.7	2.41
D	4.6	0.28	0.30	0.9	2.17

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	2.06	2.09	0.13	0.24	1.1
F	BDL/SLD	0.12	0.02	0.05	
M	0.70	0.31	0.09	0.09	1.1
A	0.20	0.15	0.10	0.06	1.1
M	0.40	0.20	0.15	0.10	1.3
J	0.10	0.05	0.06	0.07	1.1
J	0.20	0.22	0.07	0.07	0.9
A	0.20	0.11	0.04	0.06	1.5
S	0.31	0.18	0.05	0.07	1.5
O	0.08	0.09	0.04	0.06	0.6
N	0.70	0.35	0.09	0.39	1.2
D	0.40	0.17	0.06	0.15	1.1

ATIKOKAN

1981



STATION : DORSET
 1981

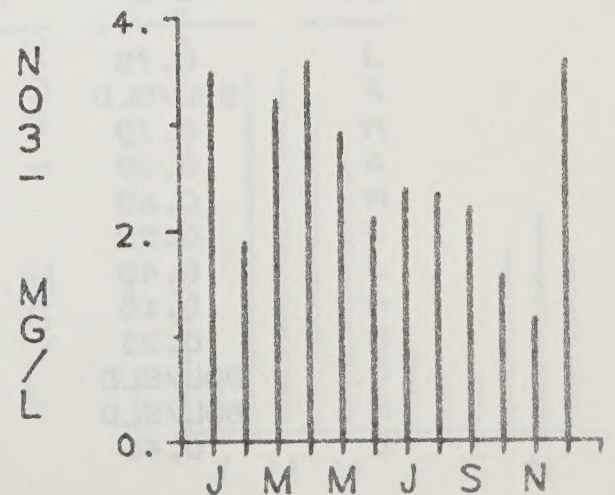
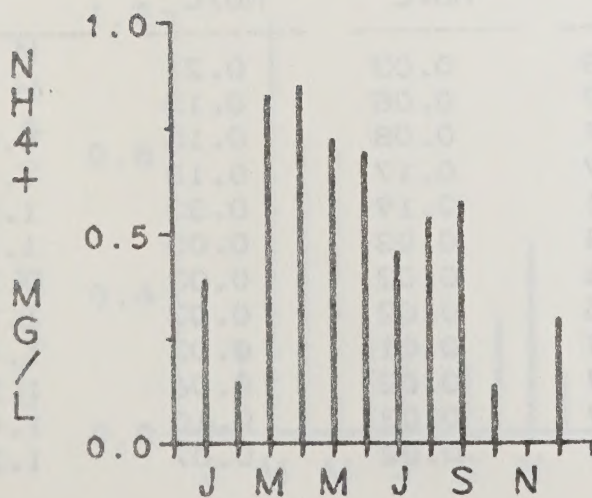
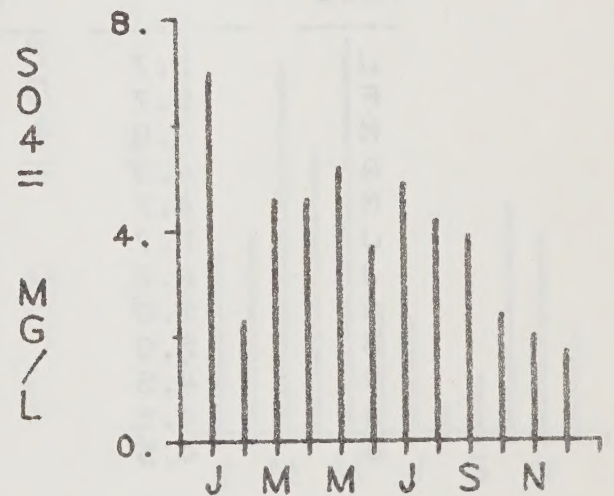
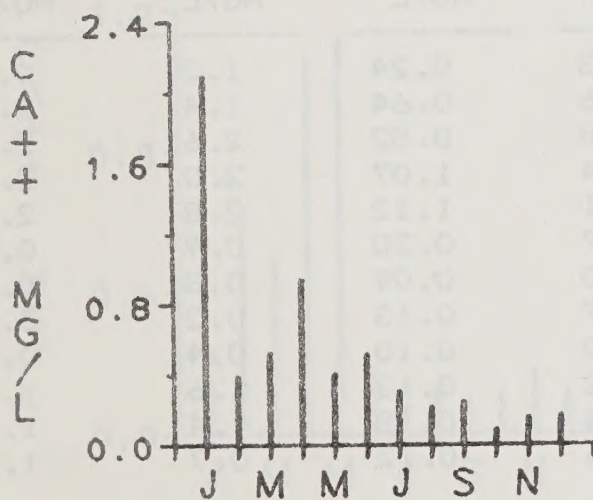
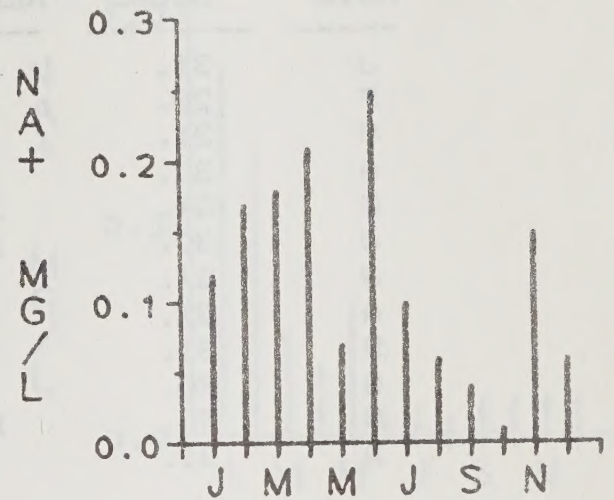
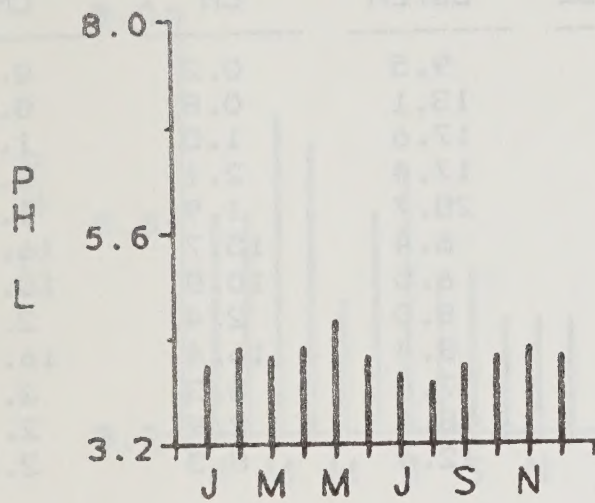
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	52.0	2.9	1.1
F	28.	1.	27.9	10.7	6.6
M	32.	12.	43.1	6.0	2.6
A	30.	1.	39.4	8.5	6.4
M	32.	1.	56.0	7.2	5.3
J	30.	12.	35.3	9.1	6.3
J	31.	0.	52.8	3.2	2.1
A	30.	1.	58.3	11.8	10.5
S	30.	0.	40.8	15.4	14.7
O	31.	2.	20.1	7.8	6.2
N	30.	0.	22.1	6.4	5.4
D	29.	1.	33.4	4.5	3.9

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	4.1	0.39	2.10	7.0	3.50
F	4.3	0.15	0.40	2.3	1.90
M	4.2	0.83	0.53	4.6	3.23
A	4.3	0.85	0.95	4.6	3.59
M	4.6	0.73	0.41	5.2	2.92
J	4.2	0.69	0.52	3.7	2.12
J	4.0	0.46	0.31	4.9	2.39
A	3.9	0.54	0.22	4.2	2.35
S	4.1	0.58	0.25	3.9	2.21
O	4.2	0.14	0.09	2.4	1.58
N	4.3	BDL/SLD	0.16	2.0	1.17
D	4.2	0.30	0.17	1.7	3.59

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.22	0.12	0.06	0.08	1.0
F	0.50	0.17	0.04	0.02	1.0
M	0.70	0.18	0.09	0.07	0.9
A	0.30	0.21	0.11	0.10	1.0
M	0.30	0.07	0.07	0.07	0.6
J	0.20	0.25	0.09	0.07	1.3
J	BDL/SLD	0.10	0.05	0.05	1.1
A	0.20	0.06	0.02	0.02	1.3
S	0.13	0.04	0.05	0.06	1.1
O	0.08	0.01	0.02	0.02	1.0
N	0.10	0.15	0.03	0.05	1.1
D	0.40	0.06	0.03	0.05	0.9

DORSET

1981



STATION : ELA
1981

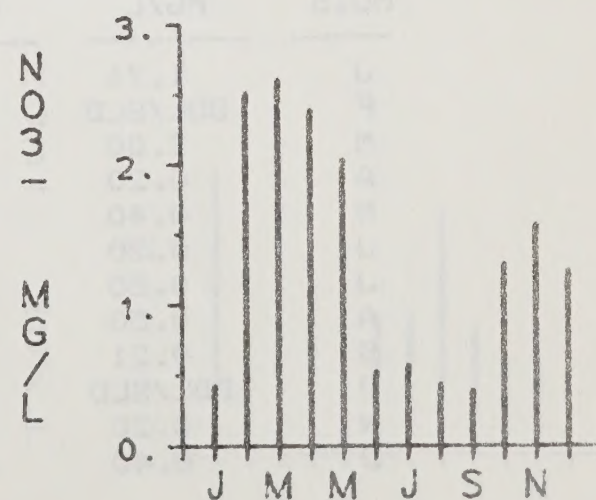
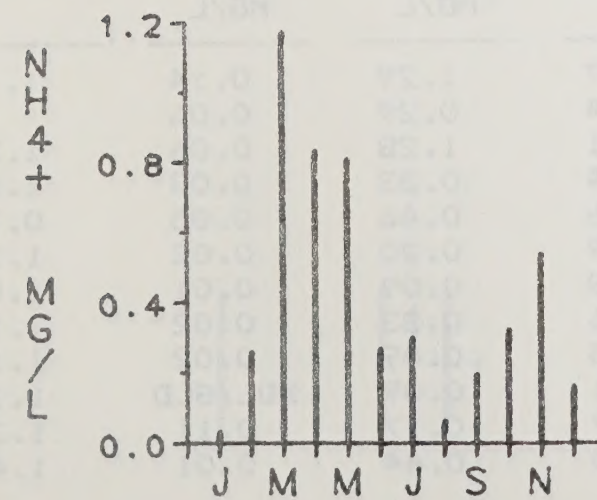
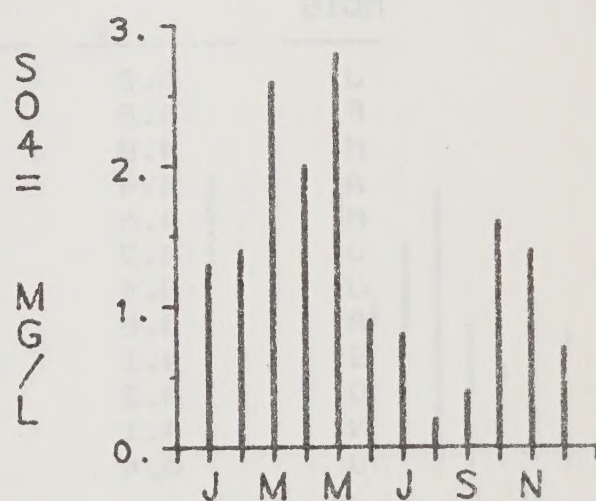
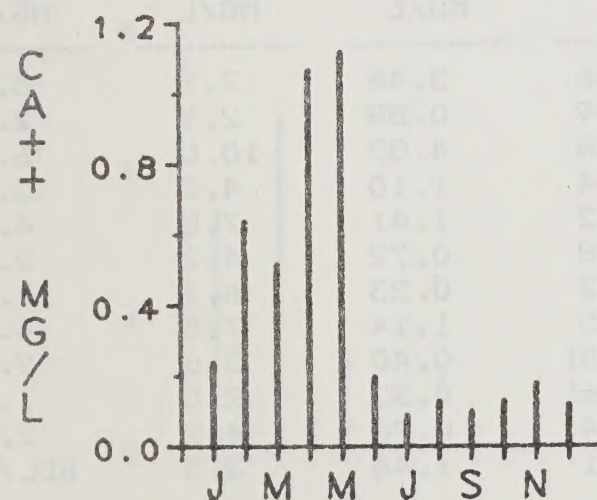
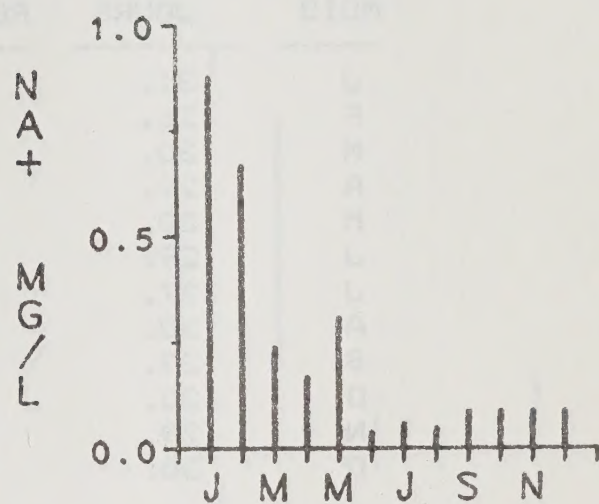
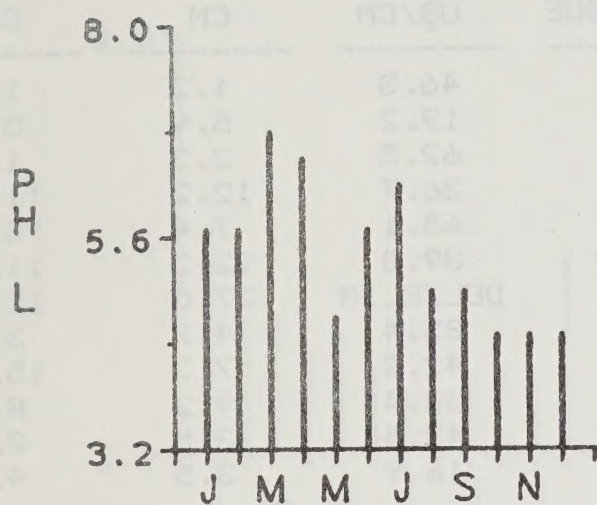
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	19.	9.5	0.2	0.3
F	28.	1.	13.1	0.8	0.7
M	31.	1.	17.6	1.5	1.2
A	30.	1.	17.4	2.1	2.5
M	31.	12.	28.7	1.9	1.6
J	30.	12.	6.4	15.7	16.1
J	31.	0.	6.5	10.8	10.1
A	31.	2.	8.0	2.4	2.6
S	31.	2.	8.4	16.4	16.3
O	30.	1.	17.6	5.3	3.4
N	30.	12.	18.6	2.9	2.1
D	31.	1.	12.4	8.3	2.3

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.7	0.03	0.24	1.3	0.43
F	5.7	0.26	0.64	1.4	2.52
M	6.8	1.18	0.52	2.6	2.61
A	6.5	0.84	1.07	2.0	2.39
M	4.7	0.81	1.12	2.8	2.04
J	5.7	0.27	0.20	0.9	0.53
J	6.2	0.30	0.09	0.8	0.58
A	5.0	0.07	0.13	0.2	0.44
S	5.0	0.20	0.10	0.4	0.40
O	4.5	0.32	0.13	1.6	1.29
N	4.5	0.54	0.18	1.4	1.57
D	4.5	0.16	0.12	0.7	1.24

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.78	0.88	0.03	0.21	
F	BDL/SLD	0.67	0.08	0.13	
M	0.70	0.24	0.08	0.15	0.8
A	0.20	0.17	0.17	0.13	1.1
M	0.60	0.31	0.19	0.33	1.5
J	0.20	0.04	0.03	0.05	1.0
J	0.40	0.06	0.02	0.03	0.7
A	0.10	0.05	0.02	0.03	1.7
S	0.25	0.09	0.01	0.03	1.4
O	BDL/SLD	0.09	0.02	0.06	1.2
N	BDL/SLD	0.09	0.03	0.10	1.4
D	0.40	0.09	0.02	0.07	1.2

ELA

1981



STATION : HARROW
1981

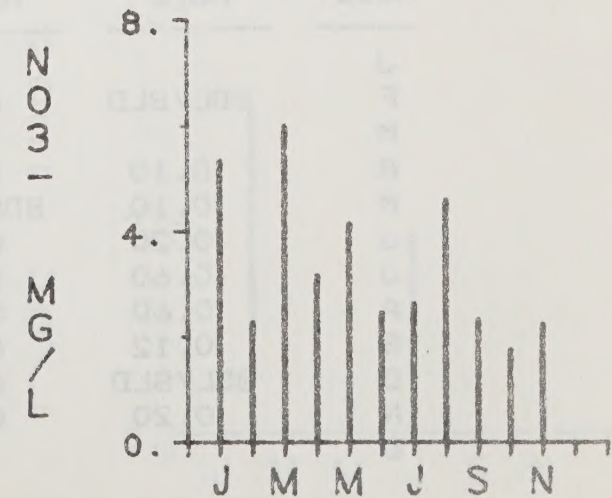
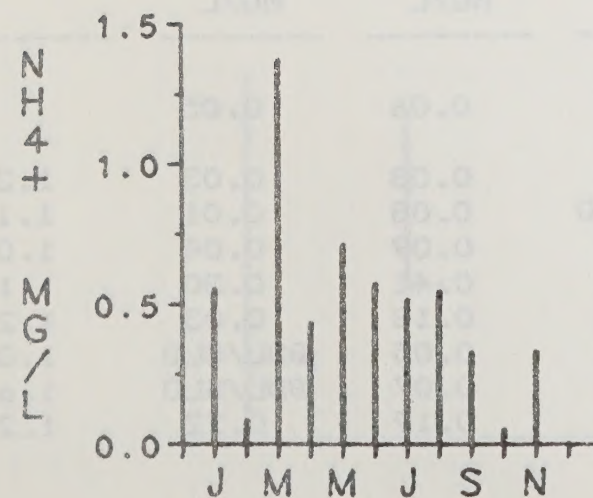
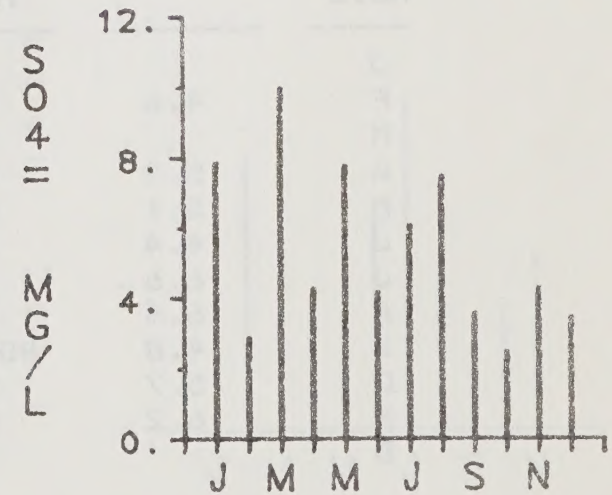
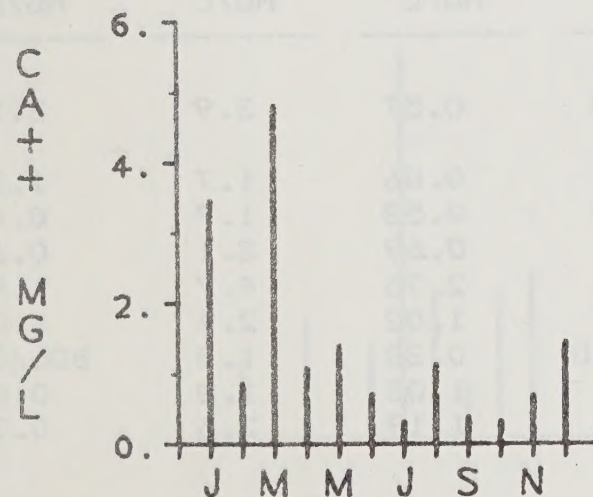
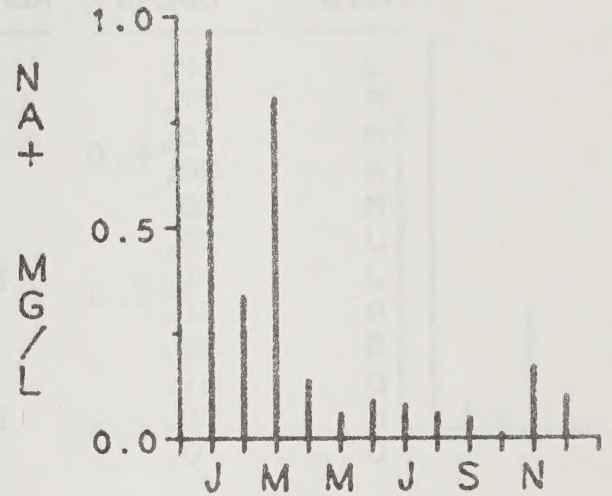
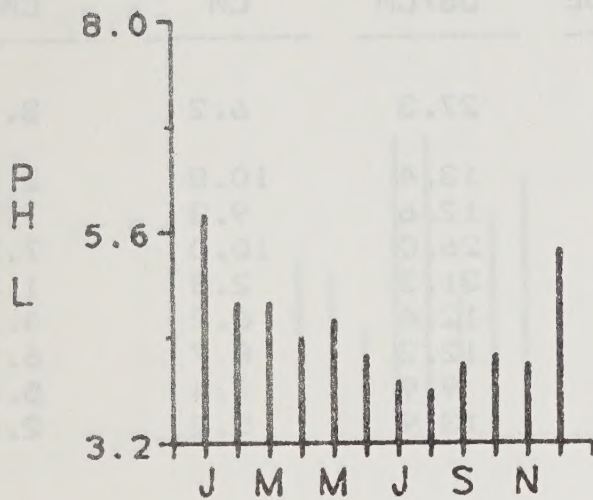
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	46.3	1.2	1.5
F	26.	0.	19.2	5.9	5.6
M	30.	1.	62.5	2.3	1.6
A	29.	0.	36.7	12.2	11.3
M	30.	0.	65.1	7.4	5.4
J	29.	1.	39.3	12.2	11.3
J	27.	5.	DEL/ELIM	27.0	15.2
A	30.	0.	85.4	4.2	3.5
S	29.	0.	42.2	17.3	15.8
O	30.	0.	33.4	9.2	8.1
N	29.	1.	43.4	3.5	2.3
D	30.	0.	16.9	3.5	4.0

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.8	0.56	3.48	7.9	5.36
F	4.8	0.09	0.88	2.9	2.30
M	4.8	1.38	4.83	10.0	6.02
A	4.4	0.44	1.10	4.3	3.19
M	4.6	0.72	1.41	7.8	4.16
J	4.2	0.58	0.72	4.2	2.48
J	3.9	0.52	0.33	6.1	2.66
A	3.8	0.55	1.14	7.5	4.60
S	4.1	0.33	0.40	3.6	2.35
O	4.2	0.06	0.33	2.5	1.78
N	4.1	0.34	0.70	4.3	2.27
D	5.4	0.01	1.46	3.5	BDL/SLD

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.76	0.97	1.29	0.14	1.1
F	BDL/SLD	0.34	0.29	0.06	
M	2.00	0.81	1.28	0.06	1.3
A	0.20	0.14	0.33	0.03	1.0
M	0.40	0.06	0.46	0.05	0.7
J	0.20	0.09	0.20	0.02	1.1
J	0.50	0.08	0.09	0.01	1.0
A	0.50	0.06	0.33	0.02	1.1
S	0.21	0.05	0.09	0.02	1.1
O	BDL/SLD	0.01	0.09	BDL/SLD	1.1
N	0.20	0.17	0.17	0.11	1.2
D	0.40	0.10	0.44	0.01	1.4

HARROW

1981



STATION : KAPUSKASING
1981

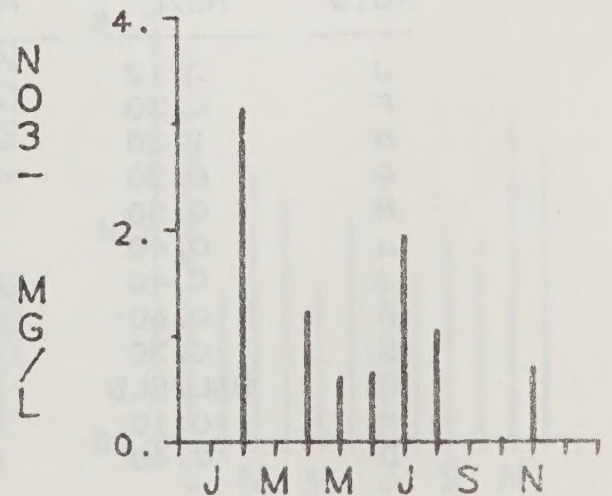
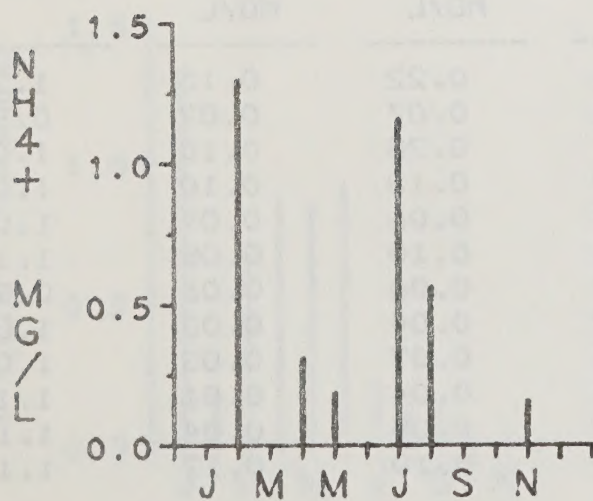
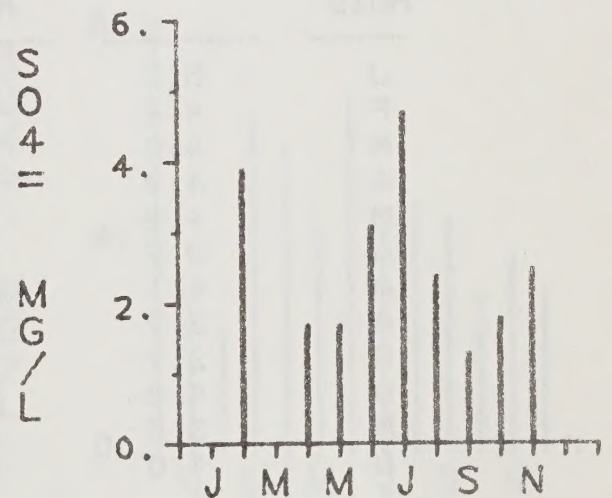
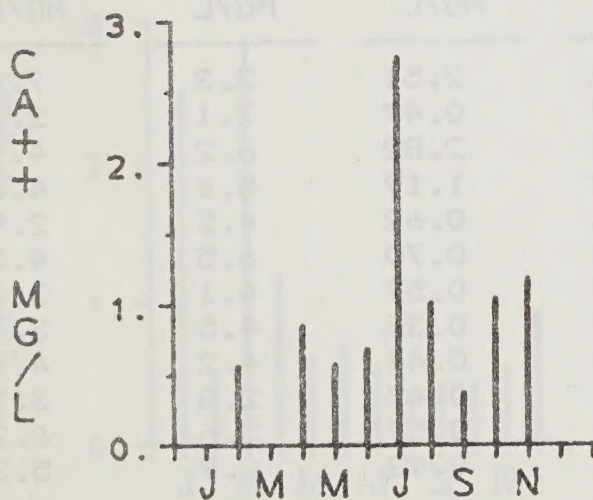
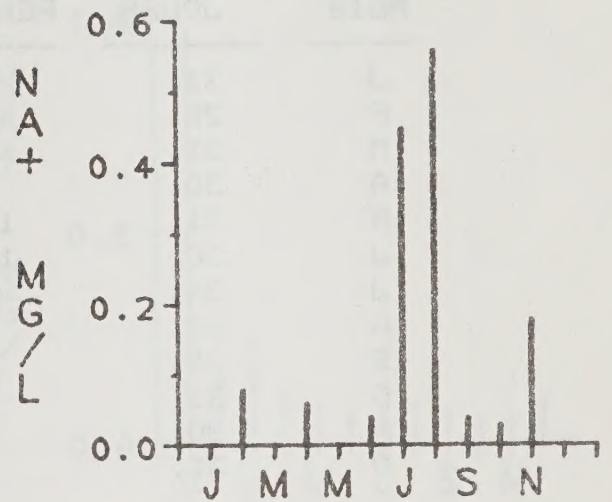
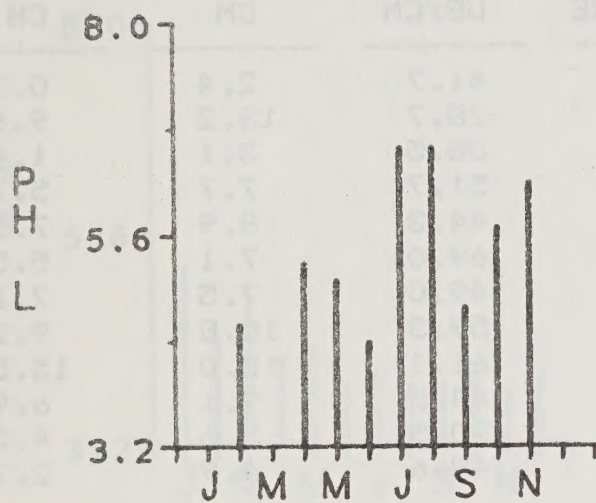
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	0.				
F	27.	1.	27.3	6.2	3.7
M	0.				
A	30.	0.	13.4	10.8	2.4
M	30.	1.	12.6	9.3	7.5
J	30.	1.	26.0	10.0	7.5
J	31.	12.	31.3	2.3	1.2
A	31.	1.	12.4	6.2	4.1
S	30.	0.	12.2	8.7	6.9
O	31.	2.	9.9	7.4	5.3
N	30.	12.	13.9	5.2	2.4
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J					
F	4.6	1.30	0.57	3.9	3.14
M					
A	5.3	0.31	0.86	1.7	1.24
M	5.1	0.19	0.58	1.7	0.62
J	4.4	0.01	0.69	3.1	0.66
J	6.6	1.16	2.75	4.7	1.95
A	6.6	0.57	1.02	2.4	1.06
S	4.8	BDL/SLD	0.38	1.3	BDL/SLD
O	5.7	0.01	1.05	1.3	0.04
N	6.2	0.16	1.19	2.5	0.73
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J					
F	BDL/SLD	0.08	0.06	0.05	
M					
A	0.10	0.06	0.08	0.03	1.3
M	0.10	BDL/SLD	0.08	0.01	1.1
J	0.20	0.04	0.09	0.04	1.0
J	0.60	0.45	0.41	0.30	1.1
A	0.60	0.56	0.13	0.03	1.2
S	0.12	0.04	0.05	BDL/SLD	1.3
O	BDL/SLD	0.03	0.07	BDL/SLD	1.6
N	0.20	0.18	0.19	0.22	1.2
D					

KAPUSKASING

1981



STATION : KINGSTON
1981

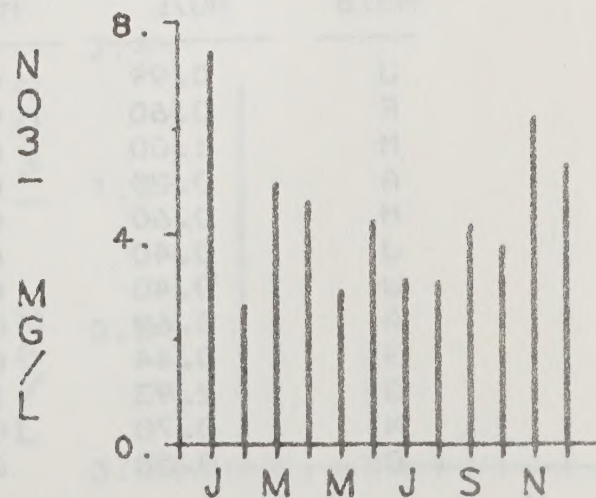
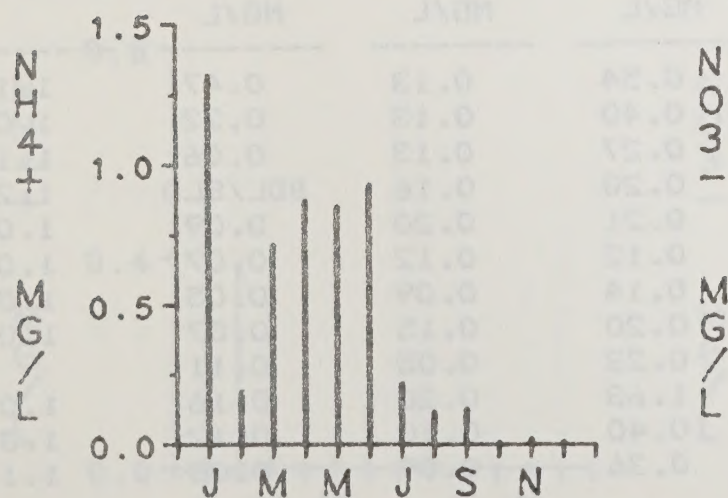
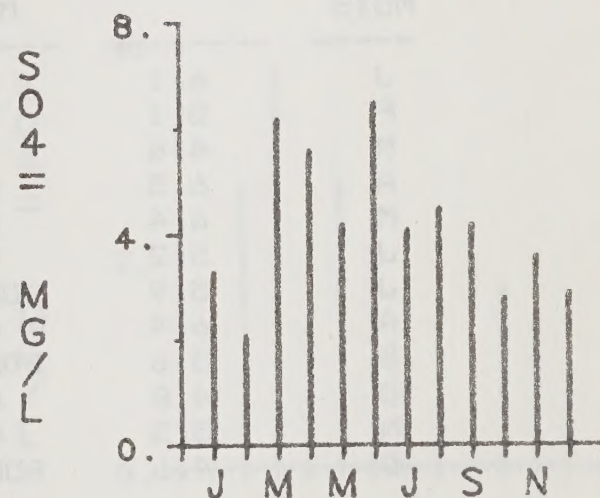
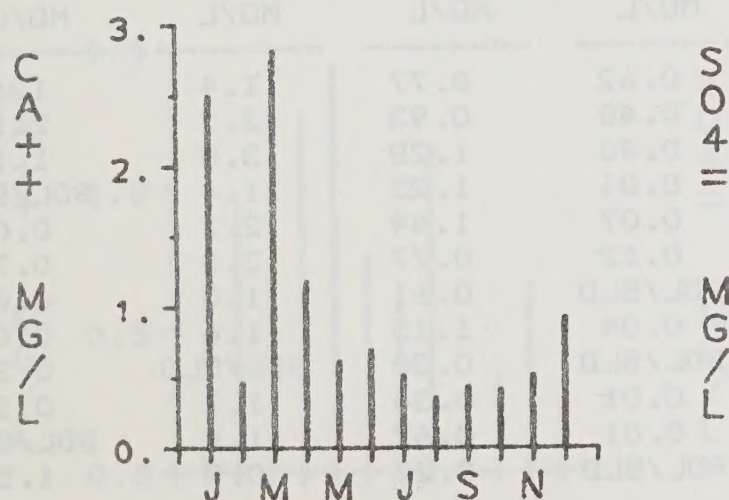
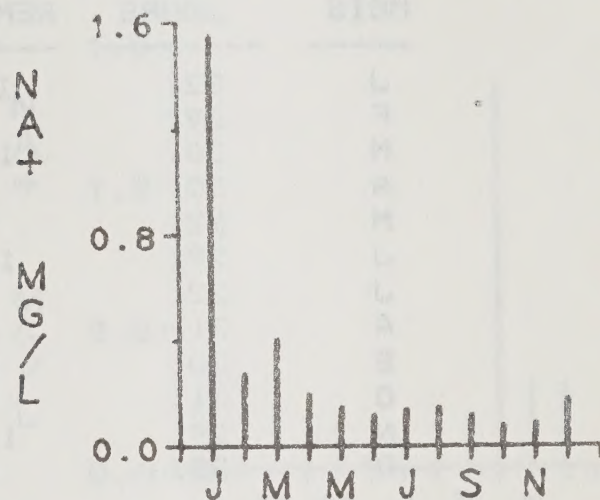
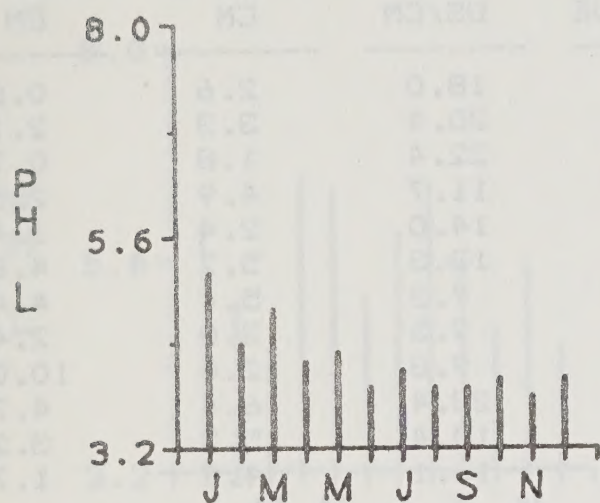
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	41.7	2.4	0.7
F	28.	1.	28.7	13.2	9.6
M	31.	1.	38.5	3.1	1.4
A	30.	3.	51.7	7.7	5.7
M	31.	12.	44.3	8.9	7.5
J	30.	12.	69.0	7.1	5.5
J	31.	0.	49.0	7.5	7.1
A	31.	0.	59.3	10.8	9.2
S	30.	1.	61.1	18.0	15.5
O	31.	0.	44.5	9.1	6.9
N	30.	1.	70.5	5.6	4.2
D	31.	1.	49.6	4.9	2.7

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.2	1.32	2.51	3.3	7.44
F	4.4	0.19	0.47	2.1	2.64
M	4.8	0.72	2.82	6.2	4.96
A	4.2	0.88	1.19	5.6	4.60
M	4.3	0.86	0.62	4.2	2.92
J	3.9	0.93	0.70	6.5	4.25
J	4.1	0.22	0.52	4.1	3.14
A	3.9	0.12	0.36	4.5	3.10
S	3.9	0.13	0.44	4.2	4.16
O	4.0	0.01	0.42	2.8	3.77
N	3.8	0.02	0.52	3.6	6.20
D	4.0	0.01	0.93	2.9	5.31

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	2.12	1.56	0.22	0.15	1.2
F	0.50	0.28	0.07	0.07	0.9
M	1.20	0.41	0.28	0.10	1.0
A	0.30	0.20	0.13	0.10	1.0
M	0.30	0.15	0.06	0.07	1.0
J	0.40	0.12	0.10	0.08	1.1
J	0.40	0.14	0.06	0.06	0.9
A	0.60	0.15	0.04	0.03	1.0
S	0.30	0.12	0.07	0.03	1.0
O	BDL/SLD	0.08	0.04	0.01	1.1
N	0.10	0.09	0.05	0.04	1.1
D	0.40	0.18	0.10	0.12	1.1

KINGSTON

1981



STATION : MOOSONEE
1981

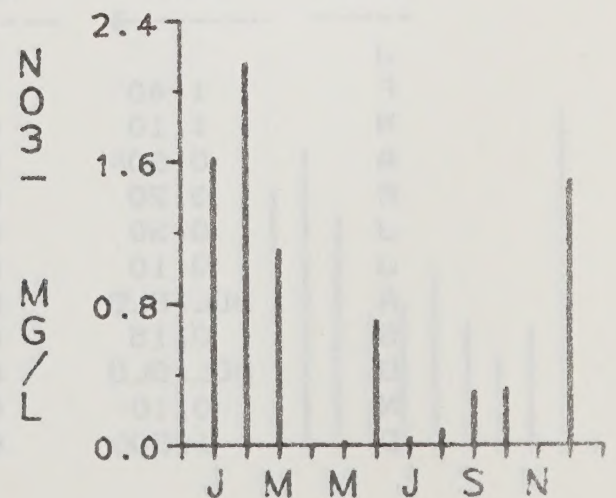
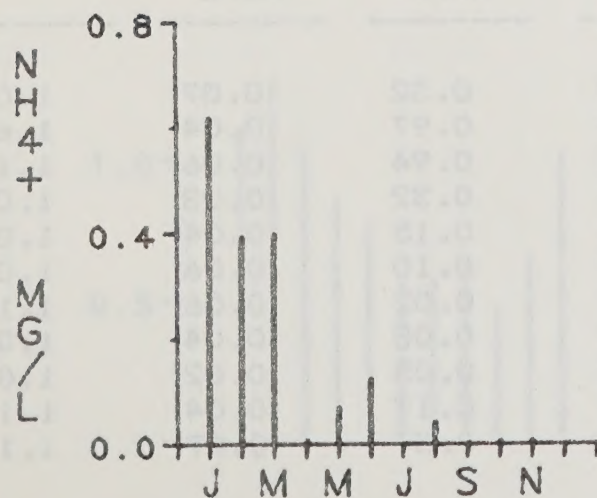
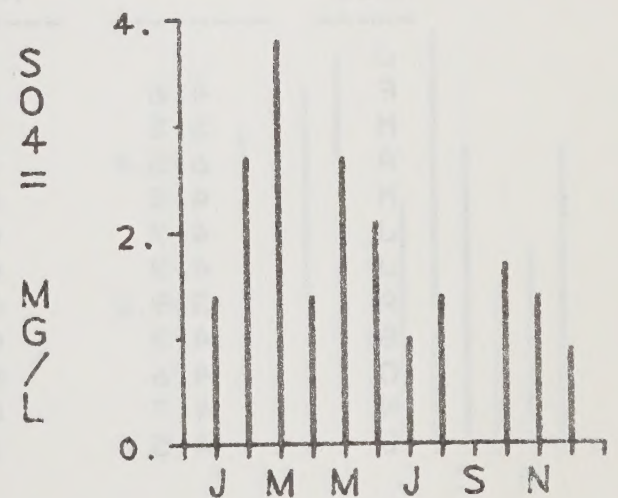
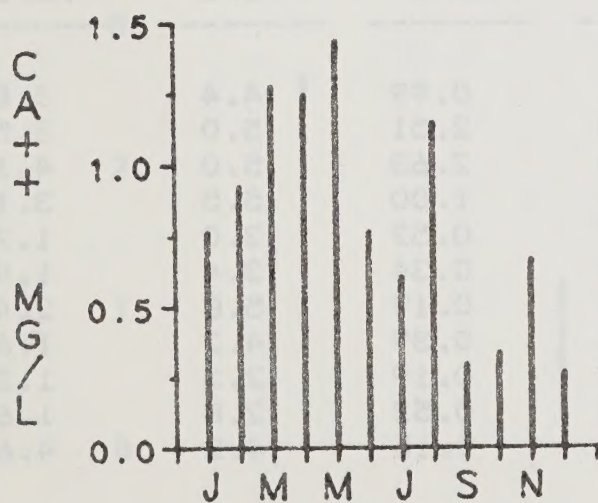
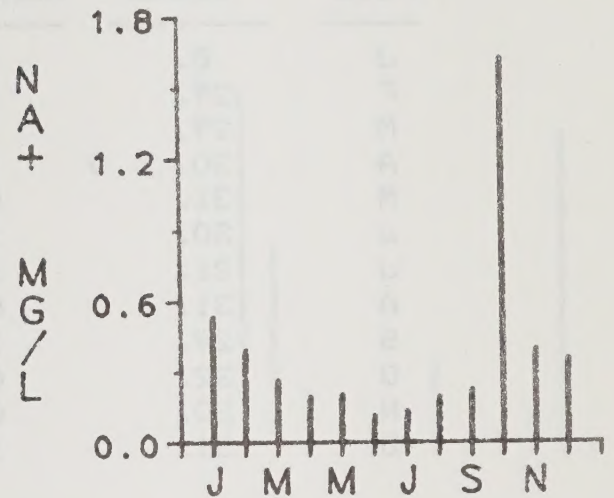
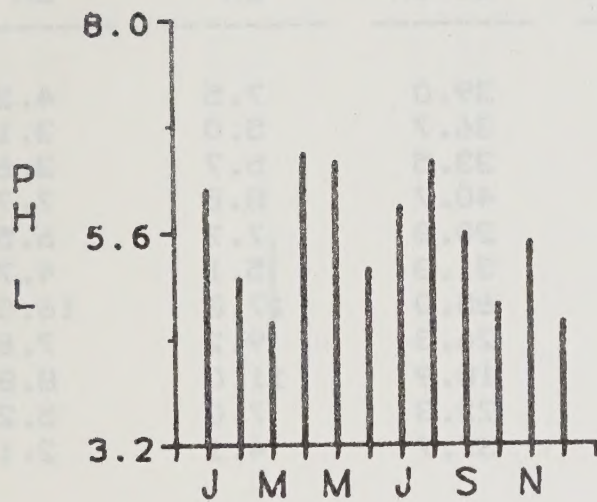
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	32.	12.	18.0	2.6	0.8
F	29.	1.	20.4	3.3	2.1
M	30.	12.	22.4	1.8	0.7
A	30.	0.	11.7	4.9	2.5
M	32.	1.	14.0	2.4	1.4
J	29.	12.	13.3	5.7	4.8
J	32.	1.	7.3	5.4	4.4
A	31.	1.	9.5	3.0	2.4
S	30.	0.	9.8	12.0	10.0
O	31.	1.	23.4	6.4	4.7
N	29.	12.	10.4	5.2	3.2
D	35.	1.	16.1	4.9	1.7

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	6.1	0.62	0.77	1.4	1.62
F	5.1	0.40	0.93	2.7	2.16
M	4.6	0.40	1.28	3.8	1.11
A	6.5	0.01	1.25	1.4	BDL/SLD
M	6.4	0.07	1.44	2.7	0.02
J	5.2	0.12	0.77	2.1	0.71
J	5.9	BDL/SLD	0.61	1.0	0.04
A	6.4	0.04	1.15	1.4	0.09
S	5.6	BDL/SLD	0.30	BDL/SLD	0.31
O	4.8	0.01	0.34	1.7	0.33
N	5.5	0.01	0.67	1.4	BDL/SLD
D	4.6	BDL/SLD	0.27	0.9	1.50

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.99	0.54	0.13	0.47	1.1
F	0.60	0.40	0.13	0.32	1.0
M	1.00	0.27	0.13	0.06	1.1
A	0.30	0.20	0.16	BDL/SLD	1.2
M	0.60	0.21	0.20	0.09	1.0
J	0.40	0.12	0.12	0.07	1.0
J	0.40	0.14	0.09	0.05	1.0
A	0.60	0.20	0.15	0.07	1.0
S	0.44	0.23	0.05	0.11	
O	2.93	1.63	0.20	0.16	1.0
N	0.70	0.40	0.10	0.12	1.3
D	0.58	0.36	0.09	0.08	1.1

MOOSONEE

1981



STATION : MOUNT FOREST
1981

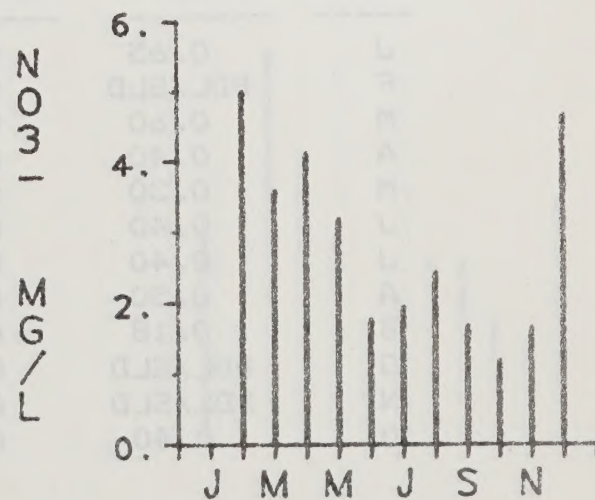
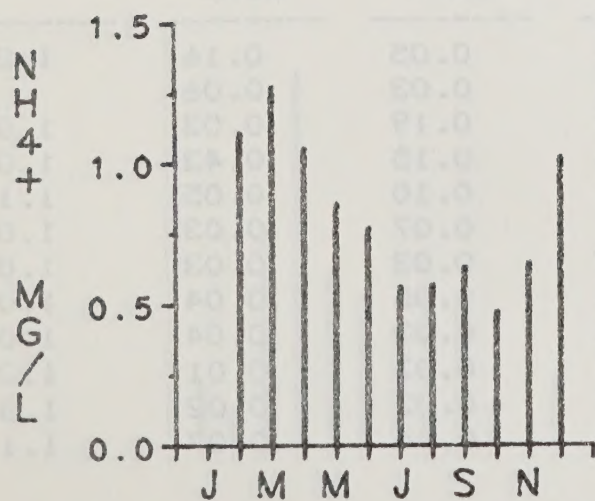
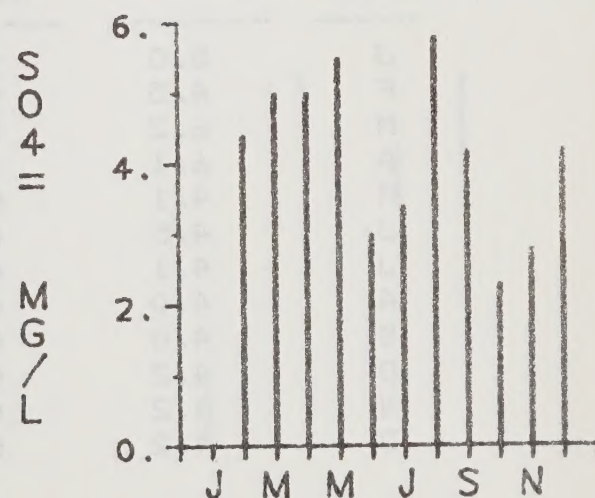
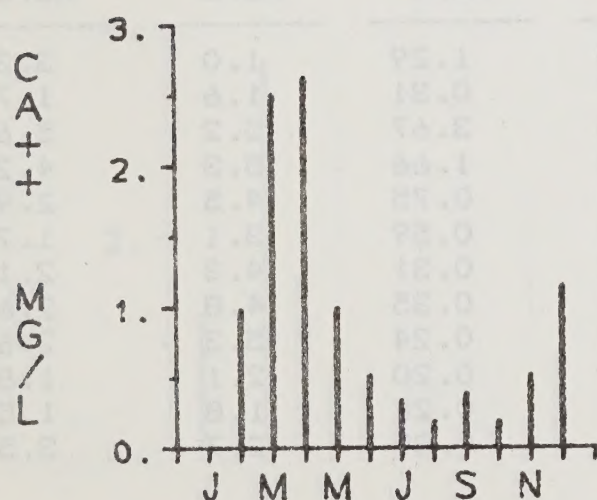
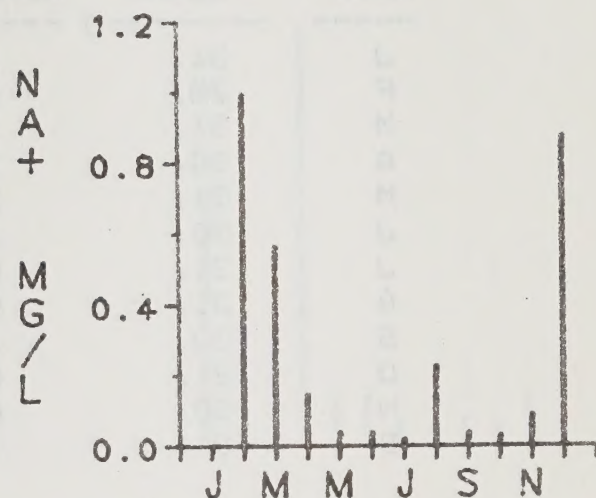
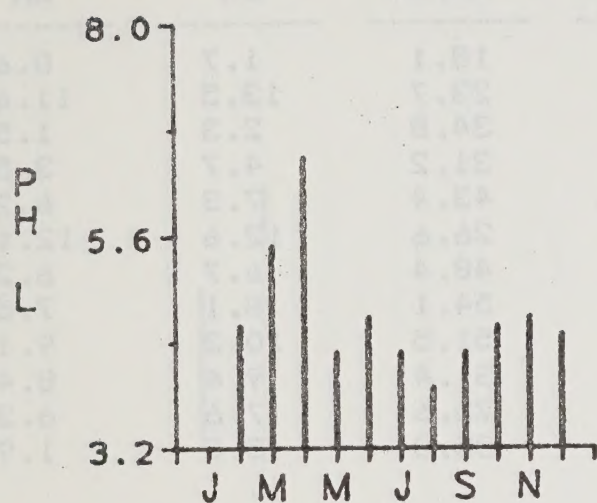
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	0.				
F	29.	1.	39.0	7.5	4.3
M	29.	1.	36.7	5.0	3.1
A	30.	1.	33.5	5.7	3.6
M	31.	0.	40.7	8.8	7.7
J	30.	1.	20.8	7.7	6.5
J	31.	1.	31.3	5.1	4.7
A	31.	0.	65.0	17.3	16.0
S	29.	1.	26.3	9.2	7.8
O	32.	0.	18.9	11.0	8.8
N	30.	0.	22.3	7.0	5.2
D	31.	1.	37.7	4.1	2.1

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J					
F	4.6	1.11	0.99	4.4	5.00
M	5.5	1.28	2.51	5.0	3.59
A	6.5	1.06	2.63	5.0	4.12
M	4.3	0.86	1.00	5.5	3.19
J	4.7	0.77	0.52	3.0	1.77
J	4.3	0.56	0.34	3.4	1.95
A	3.9	0.57	0.19	5.8	2.43
S	4.3	0.64	0.39	4.2	1.68
O	4.6	0.48	0.19	2.3	1.20
N	4.7	0.65	0.52	2.8	1.66
D	4.5	1.02	1.15	4.2	4.65

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J					
F	1.40	1.00	0.32	0.07	1.0
M	1.10	0.57	0.97	0.04	1.6
A	0.30	0.15	0.94	0.06	1.1
M	0.20	0.04	0.32	0.03	1.0
J	0.30	0.04	0.15	0.04	1.0
J	0.10	0.02	0.10	0.06	1.0
A	BDL/SLD	0.23	0.02	0.06	1.1
S	0.15	0.04	0.08	0.04	1.0
O	BDL/SLD	0.03	0.05	0.02	1.0
N	0.10	0.09	0.17	0.04	1.1
D	1.30	0.88	0.37	0.07	1.1

MOUNT FOREST

1981



STATION : PETERBOROUGH
 1981

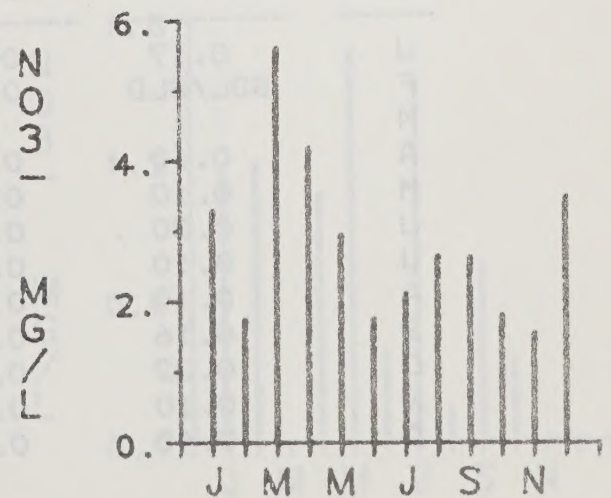
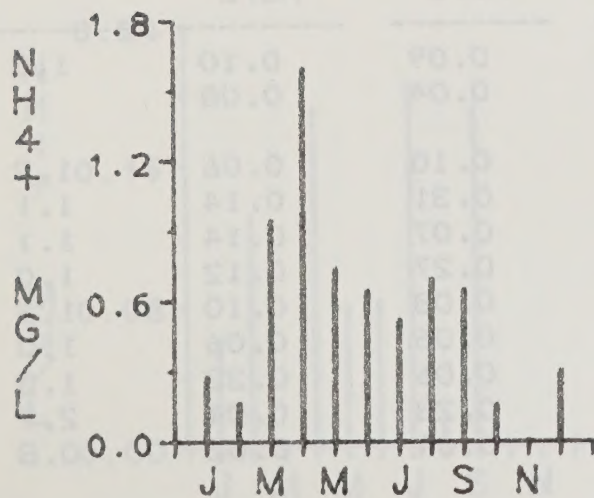
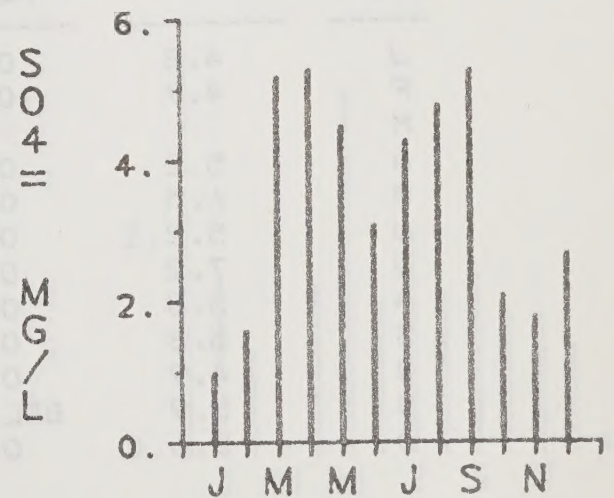
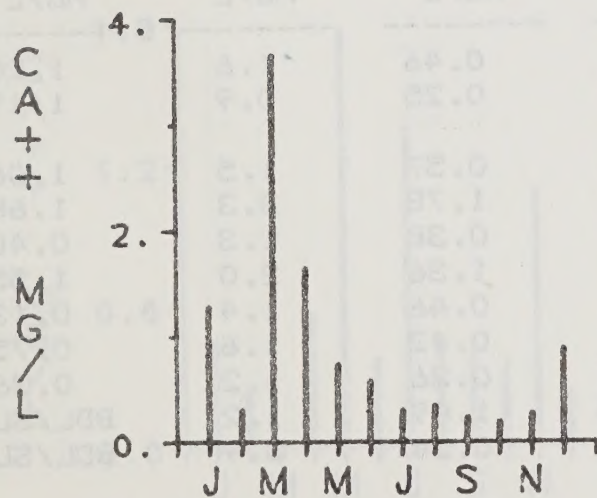
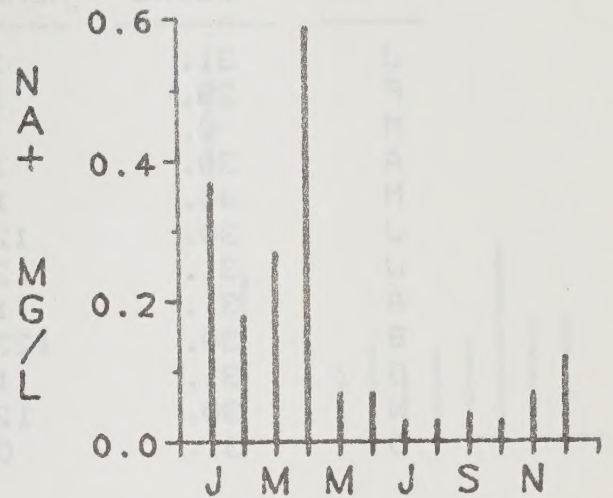
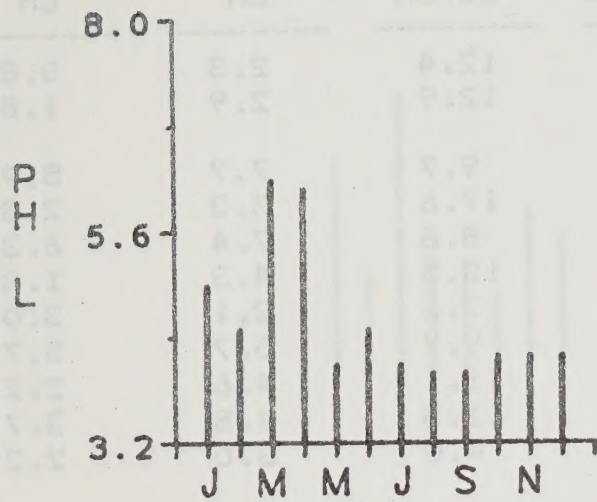
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	18.1	1.7	0.6
F	28.	0.	23.7	13.5	11.6
M	31.	1.	34.8	2.3	1.5
A	30.	1.	31.2	4.7	3.5
M	31.	2.	43.4	7.3	6.2
J	30.	1.	26.6	12.6	12.1
J	31.	0.	48.4	6.7	6.2
A	31.	0.	54.1	8.1	7.5
S	30.	1.	51.5	10.3	9.1
O	31.	0.	31.4	9.4	8.4
N	30.	0.	25.6	7.6	6.3
D	31.	1.	35.8	3.3	1.9

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.0	0.28	1.29	1.0	3.31
F	4.5	0.17	0.31	1.6	1.77
M	6.2	0.95	3.67	5.2	5.62
A	6.1	1.60	1.66	5.3	4.20
M	4.1	0.74	0.75	4.5	2.97
J	4.5	0.65	0.59	3.1	1.77
J	4.1	0.52	0.31	4.3	2.12
A	4.0	0.70	0.35	4.8	2.66
S	4.0	0.65	0.24	5.3	2.66
O	4.2	0.16	0.20	2.1	1.83
N	4.2	0.01	0.28	1.8	1.57
D	4.2	0.31	0.89	2.7	3.51

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.65	0.37	0.05	0.16	1.2
F	BDL/SLD	0.18	0.03	0.06	
M	0.60	0.27	0.19	0.03	1.0
A	0.40	0.59	0.15	0.43	1.0
M	0.30	0.07	0.10	0.05	1.1
J	0.40	0.07	0.07	0.03	1.0
J	0.40	0.03	0.03	0.03	1.0
A	0.50	0.03	0.05	0.04	1.0
S	0.18	0.04	0.03	0.04	1.0
O	BDL/SLD	0.03	0.02	0.01	1.2
N	BDL/SLD	0.07	0.02	0.02	1.3
D	0.40	0.12	0.04	0.07	1.1

PETERBOROUGH

1981



STATION : PICKLE LAKE
1981

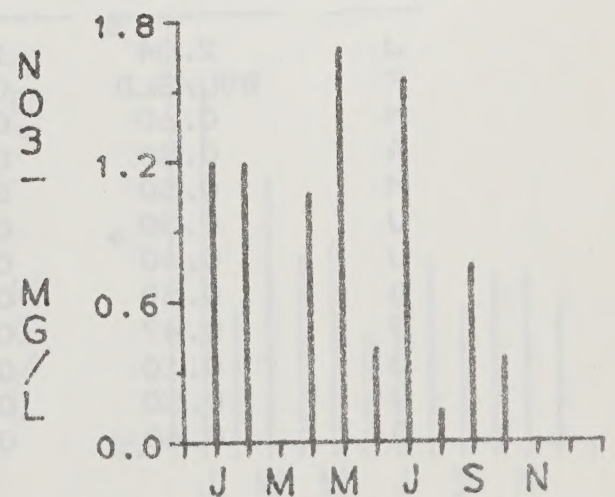
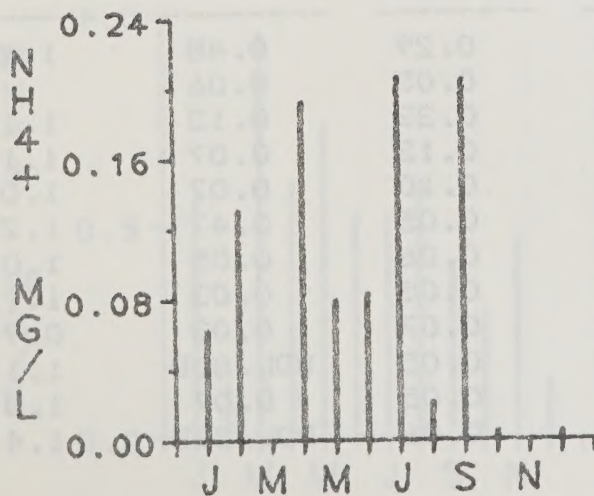
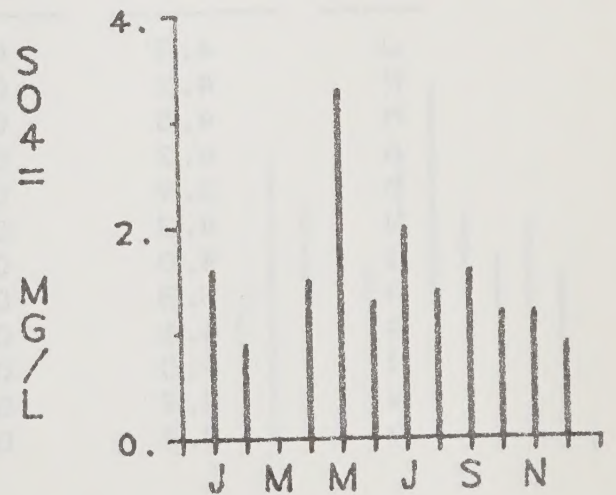
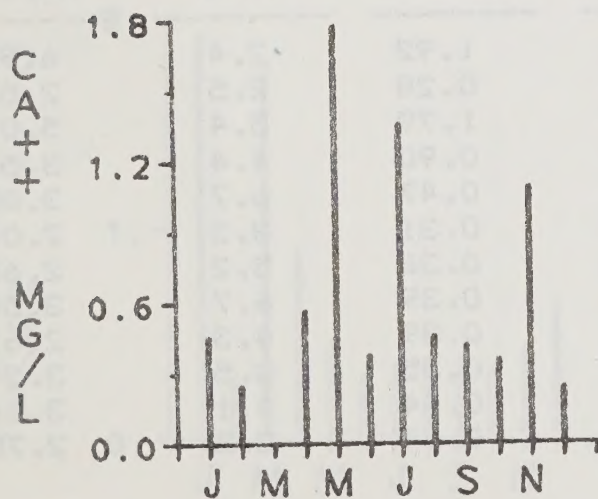
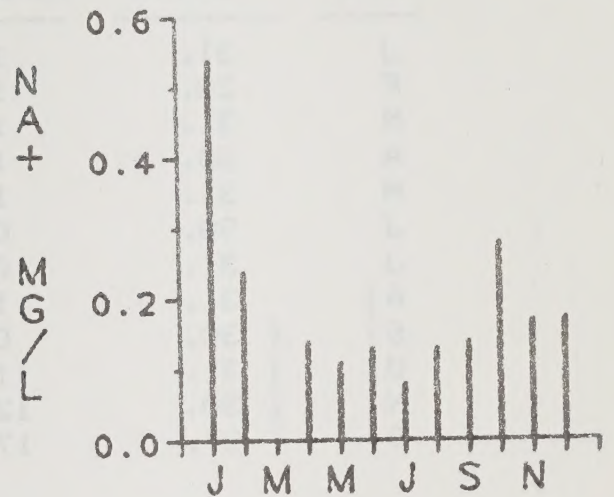
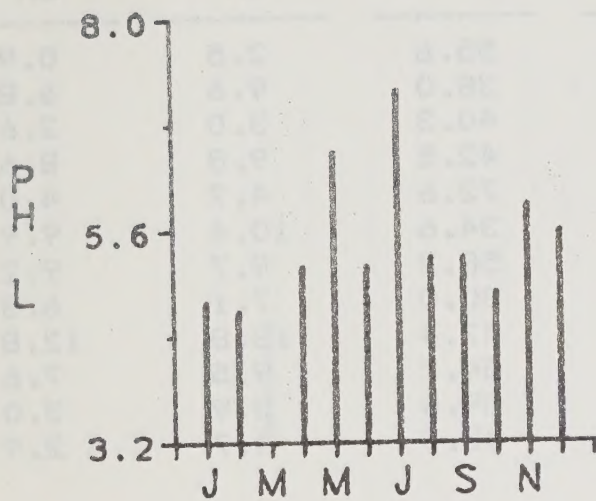
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	12.4	2.3	0.8
F	28.	1.	12.9	2.9	1.8
M	0.				
A	30.	1.	9.7	7.7	5.9
M	30.	1.	17.6	3.3	2.3
J	30.	12.	8.6	7.4	6.3
J	31.	12.	13.5	4.3	1.3
A	31.	1.	7.6	2.1	3.0
S	30.	123.	9.7	5.7	5.7
O	31.	1.	11.1	4.6	2.2
N	30.	12.	11.5	4.8	3.7
D	31.	0.	4.0	3.0	2.2

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	4.8	0.06	0.46	1.6	1.20
F	4.7	0.13	0.25	0.9	1.19
M					
A	5.2	0.19	0.57	1.5	1.06
M	6.5	0.08	1.78	3.3	1.68
J	5.2	0.08	0.38	1.3	0.40
J	7.2	0.21	1.36	2.0	1.55
A	5.3	0.02	0.46	1.4	0.13
S	5.3	0.21	0.42	1.6	0.75
O	4.9	0.01	0.36	1.2	0.36
N	5.9	BDL/SLD	1.09	1.2	BDL/SLD
D	5.6	0.01	0.24	0.9	BDL/SLD

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.17	0.54	0.09	0.10	1.3
F	BDL/SLD	0.24	0.04	0.08	
M					
A	0.10	0.14	0.10	0.06	1.2
M	0.10	0.11	0.31	0.14	1.1
J	0.30	0.13	0.07	0.14	1.1
J	0.10	0.08	0.27	0.12	1.0
A	0.10	0.13	0.08	0.10	1.3
S	0.16	0.14	0.06	0.06	1.0
O	0.22	0.28	0.06	0.33	1.5
N	0.10	0.17	0.23	0.04	2.9
D	0.40	0.17	0.04	0.02	0.8

PICKLE LAKE

1981



STATION : SIMCOE
1981

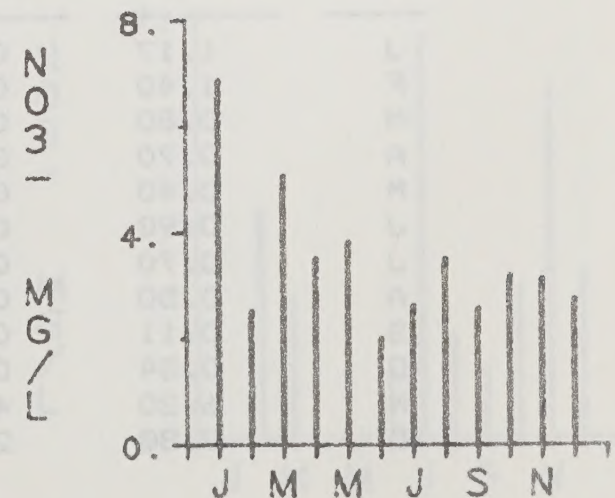
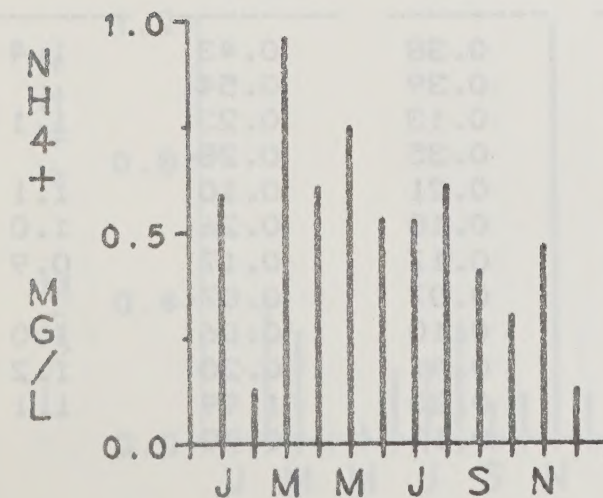
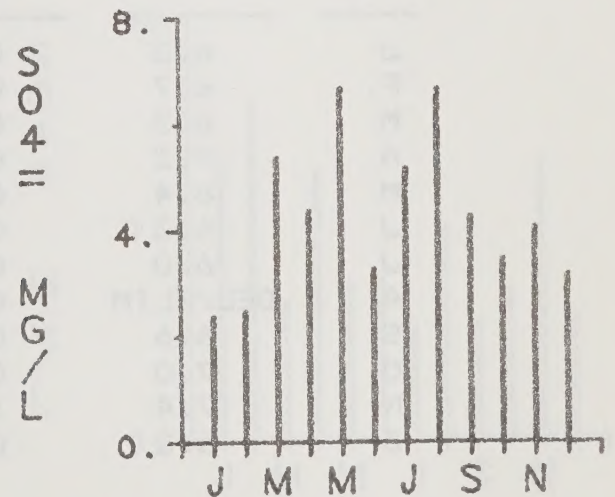
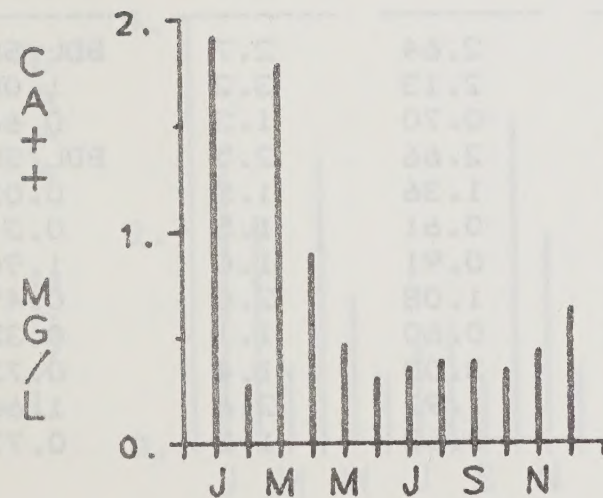
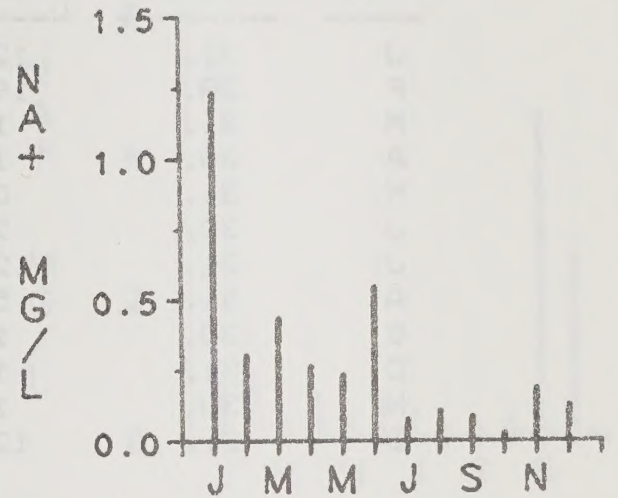
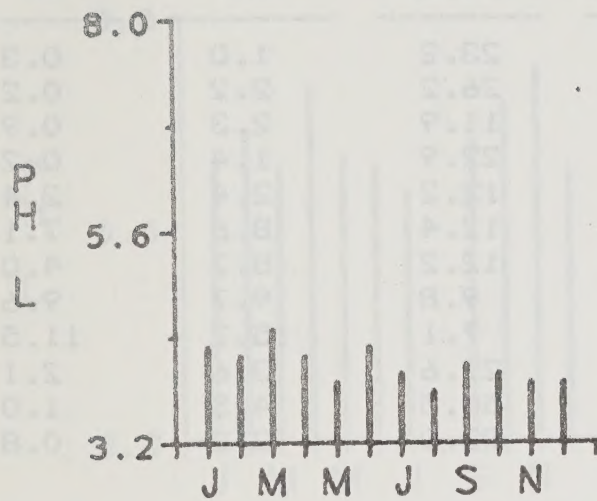
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	FREC S CM	FREC C CM
J	31.	1.	55.6	2.5	0.9
F	28.	1.	38.0	9.6	6.8
M	31.	1.	40.3	3.0	2.6
A	30.	1.	42.5	9.8	8.6
M	31.	1.	72.6	4.7	4.0
J	30.	0.	34.6	10.4	9.9
J	31.	0.	58.3	9.7	9.2
A	31.	1.	80.0	7.1	6.3
S	30.	0.	47.4	13.8	12.8
O	31.	1.	54.2	9.5	7.6
N	30.	12.	59.4	3.9	3.0
D	24.	17.	42.7	4.7	2.9

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	4.3	0.59	1.92	2.4	6.90
F	4.2	0.13	0.28	2.5	2.55
M	4.5	0.96	1.79	5.4	5.09
A	4.2	0.61	0.90	4.4	3.54
M	3.9	0.75	0.47	6.7	3.85
J	4.3	0.53	0.31	3.3	2.04
J	4.0	0.53	0.36	5.2	2.66
A	3.8	0.61	0.39	6.7	3.54
S	4.1	0.41	0.39	4.3	2.61
O	4.0	0.31	0.35	3.5	3.24
N	3.9	0.47	0.44	4.1	3.16
D	3.9	0.13	0.64	3.2	2.78

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	2.04	1.24	0.29	0.48	1.2
F	BDL/SLD	0.31	0.05	0.06	
M	0.60	0.44	0.33	0.13	1.1
A	0.30	0.27	0.13	0.07	1.1
M	0.50	0.24	0.10	0.07	1.0
J	0.30	0.55	0.05	0.47	1.2
J	0.40	0.08	0.06	0.05	1.0
A	0.50	0.11	0.05	0.03	1.1
S	0.47	0.09	0.07	0.03	0.9
O	0.10	0.03	0.05	BDL/SLD	1.1
N	0.50	0.19	0.05	0.07	1.3
D	0.40	0.13	0.06	BDL/SLD	1.4

SIMCOE

1981



STATION : TROUT LAKE
1981

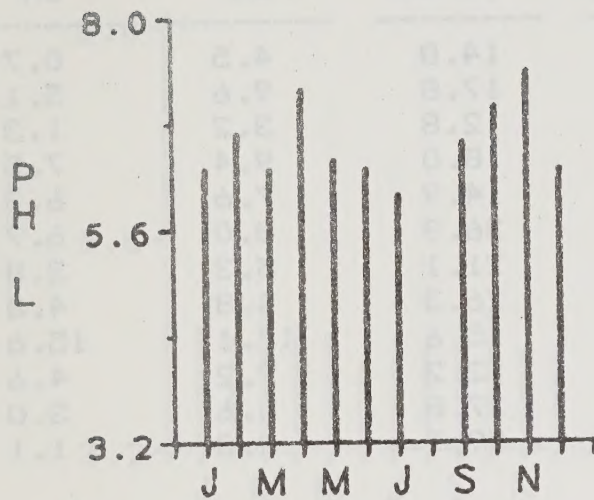
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	12.	23.2	1.0	0.3
F	28.	19.	26.2	2.2	0.2
M	31.	1.	11.9	2.3	0.9
A	30.	1.	22.9	1.4	0.2
M	31.	0.	12.2	2.4	2.4
J	30.	2.	12.4	8.6	7.1
J	31.	12.	12.2	8.2	4.0
A	31.	5.	9.8	9.7	9.6
S	30.	1.	7.1	15.2	11.5
O	31.	1.	22.6	3.6	2.1
N	30.	1.	50.5	4.5	1.0
D	31.	12.	22.3	2.2	0.8

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	6.3	0.01	2.64	2.7	BDL/SLD
F	6.7	0.41	2.13	3.2	1.08
M	6.3	0.31	0.70	1.3	0.66
A	7.2	0.01	2.66	2.5	BDL/SLD
M	6.4	0.04	1.36	1.5	0.02
J	6.3	0.20	0.61	1.5	0.31
J	6.0	0.22	0.91	1.0	1.90
A	DEL/ELIM	0.33	1.08	2.0	0.49
S	6.6	0.10	0.60	1.1	0.35
O	7.0	0.13	3.03	1.4	0.72
N	7.4	1.18	1.92	2.6	1.66
D	6.3	0.13	0.68	1.2	0.77

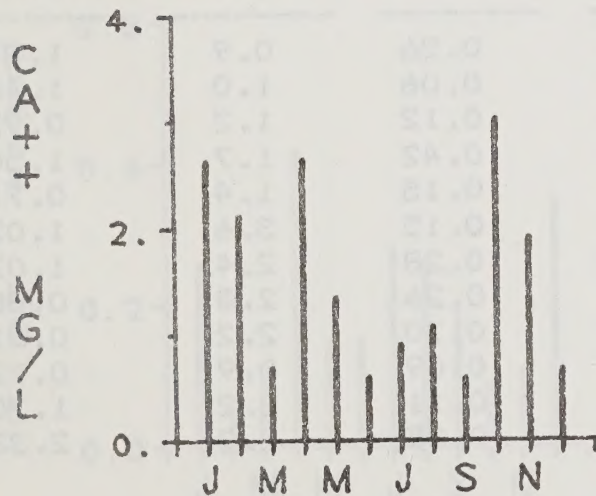
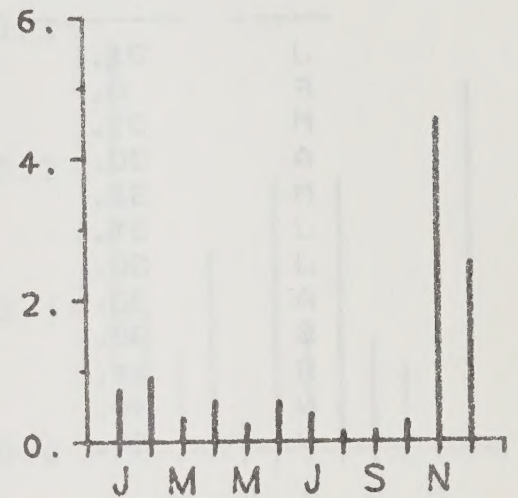
MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.17	0.75	0.38	0.43	1.4
F	1.40	0.92	0.39	0.54	
M	0.80	0.34	0.13	0.23	1.1
A	0.70	0.58	0.35	0.28	
M	0.40	0.24	0.21	0.10	1.1
J	0.90	0.57	0.10	0.26	1.0
J	0.70	0.39	0.17	0.17	0.9
A	0.50	0.14	0.07	0.07	
S	0.11	0.15	0.10	0.06	1.0
O	0.34	0.29	0.41	0.20	1.2
N	6.20	4.55	0.30	1.99	1.1
D	3.80	2.53	0.10	0.70	

TROUT LAKE

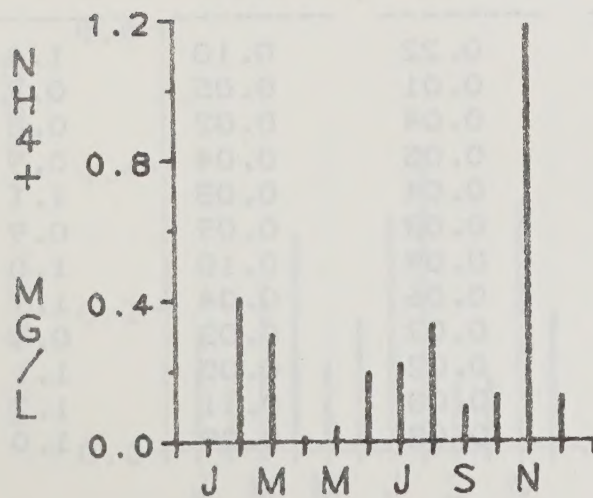
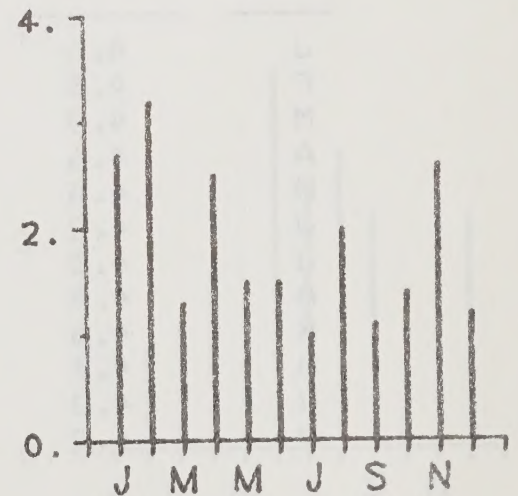
1981



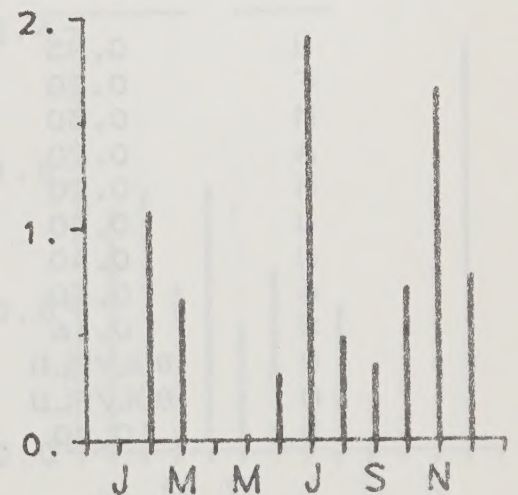
NA +
MG/L



SO4 =
MG/L



NO3-
MG/L



STATION : CHIBOUGAMAU
1981

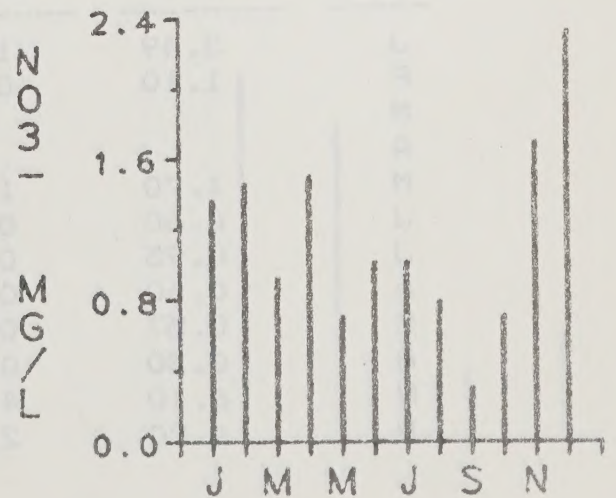
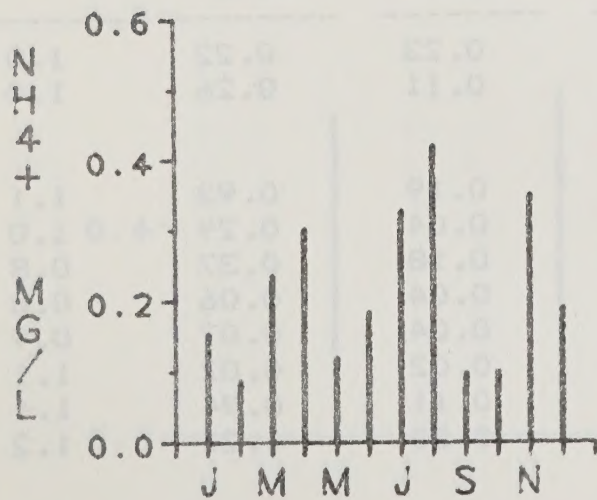
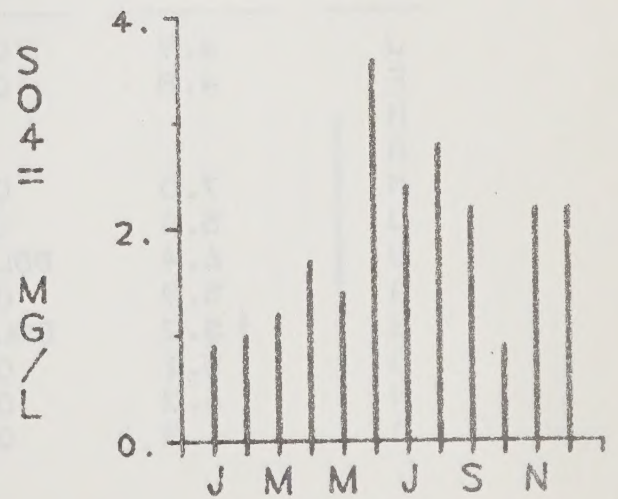
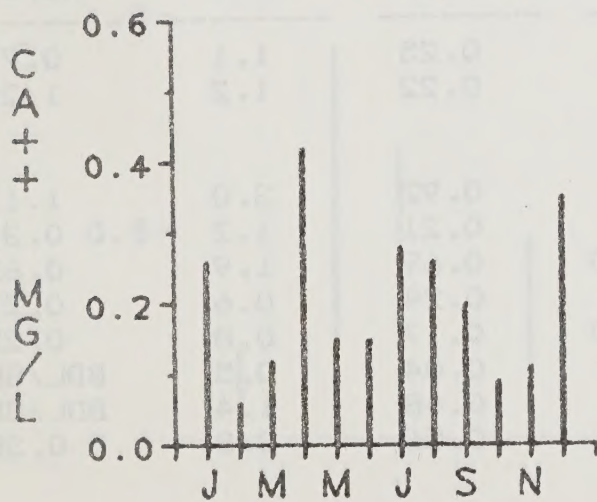
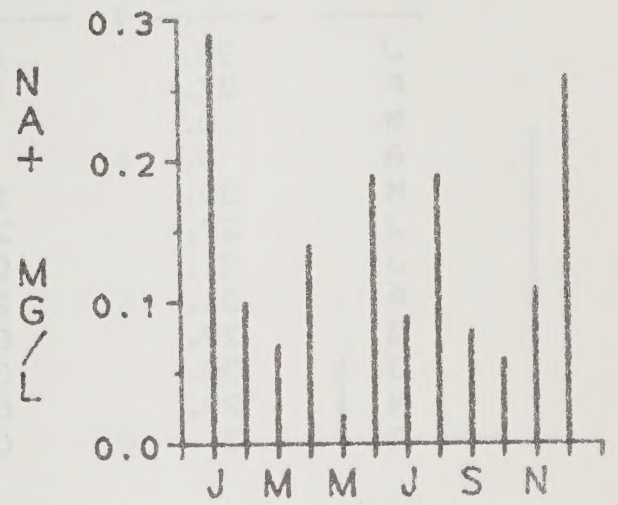
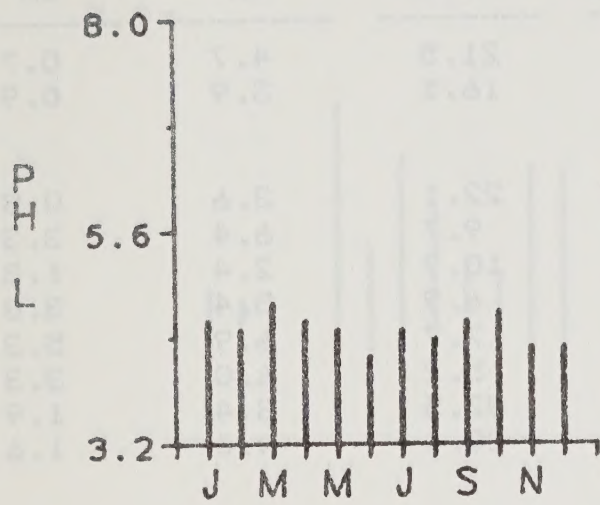
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	14.8	4.5	0.7
F	0.	0.	17.8	9.6	5.1
M	31.	1.	12.8	3.2	1.3
A	30.	1.	18.0	9.4	7.5
M	31.	1.	14.9	7.6	6.3
J	31.	12.	36.8	8.0	6.7
J	30.	1.	21.1	5.3	3.8
A	30.	0.	26.3	4.8	4.5
S	30.	0.	15.6	17.1	15.6
O	31.	0.	12.2	7.2	4.6
N	30.	1.	27.8	5.6	3.0
D	30.	0.	29.7	3.3	1.1

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	4.6	0.15	0.26	0.9	1.37
F	4.5	0.09	0.06	1.0	1.46
M	4.8	0.24	0.12	1.2	0.93
A	4.6	0.30	0.42	1.7	1.50
M	4.5	0.12	0.15	1.4	0.71
J	4.2	0.19	0.15	3.6	1.02
J	4.5	0.33	0.28	2.4	1.02
A	4.4	0.42	0.26	2.8	0.80
S	4.6	0.10	0.20	2.2	0.31
O	4.7	0.10	0.09	0.9	0.72
N	4.3	0.35	0.11	2.2	1.70
D	4.3	0.19	0.35	2.2	2.33

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.35	0.29	0.22	0.10	1.6
F	0.20	0.10	0.01	0.05	0.9
M	0.50	0.07	0.04	0.02	0.8
A	0.70	0.14	0.05	0.04	0.9
M	0.20	0.02	0.04	0.08	1.1
J	0.40	0.19	0.03	0.09	0.9
J	0.40	0.09	0.09	0.10	1.0
A	0.50	0.19	0.06	0.04	1.1
S	0.16	0.08	0.03	0.03	0.9
O	BDL/SLD	0.06	0.02	0.05	1.1
N	BDL/SLD	0.11	0.03	0.11	1.2
D	0.40	0.26	0.03	0.09	1.0

CHIBOUGAMAU

1981



STATION : FORT CHIMO
1981

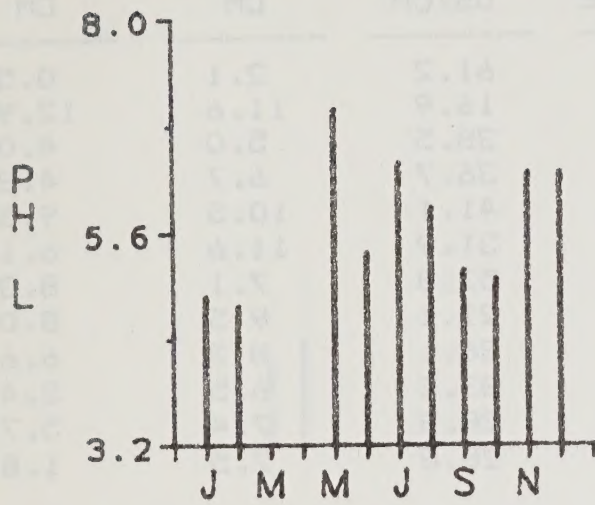
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	30.	1.	21.5	4.7	0.7
F	27.	1.	16.1	3.9	0.9
M	0.				
A	0.				
M	30.	1.	22.1	3.6	0.8
J	29.	2.	9.7	6.4	3.3
J	31.	0.	10.7	2.4	1.3
A	31.	2.	6.9	5.4	3.8
S	29.	0.	7.7	6.9	5.3
O	30.	0.	5.2	6.0	3.3
N	29.	0.	32.5	3.4	1.9
D	30.	0.	29.0	4.0	1.6

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	4.9	0.01	0.25	1.1	0.74
F	4.8	0.11	0.22	1.2	1.28
M					
A					
M	7.0	0.61	0.92	3.0	1.11
J	5.4	0.20	0.21	1.2	0.31
J	6.4	BDL/SLD	0.69	1.9	0.62
A	5.9	0.06	0.24	0.6	0.22
S	5.2	BDL/SLD	0.17	0.8	0.22
O	5.1	0.01	0.04	0.5	BDL/SLD
N	6.3	0.01	0.48	1.4	BDL/SLD
D	6.3	0.66	0.56	0.8	0.38

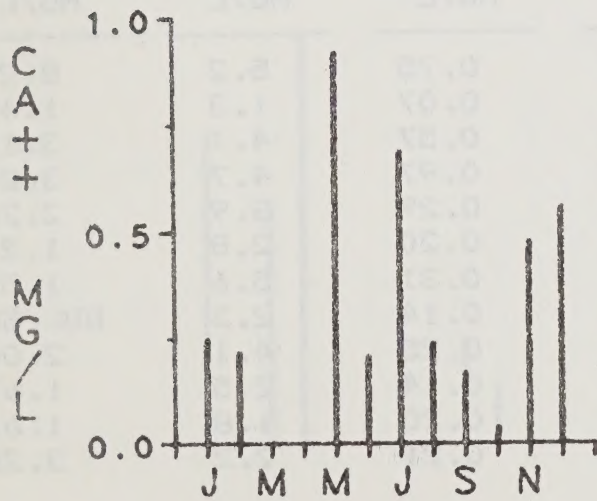
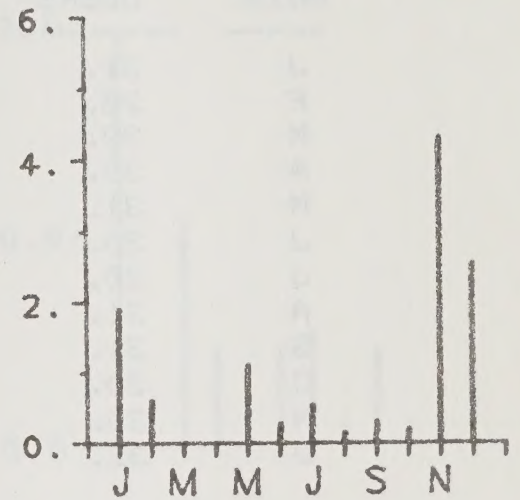
MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	3.49	1.92	0.23	0.22	1.0
F	1.10	0.62	0.11	0.26	1.0
M					
A					
M	1.70	1.13	0.19	0.93	1.1
J	0.60	0.29	0.04	0.29	1.0
J	0.95	0.56	0.18	0.37	0.8
A	0.60	0.16	0.04	0.06	0.8
S	0.57	0.32	0.04	0.07	0.9
O	0.30	0.20	0.02	0.02	1.1
N	6.10	4.34	0.11	0.94	1.1
D	4.20	2.58	0.20	1.21	1.2

FORT CHIMO

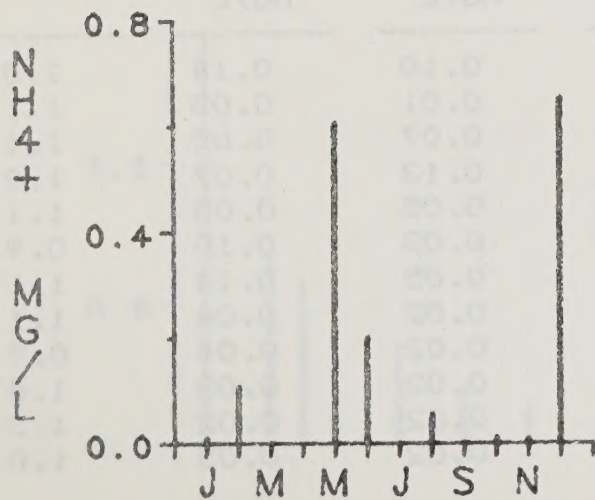
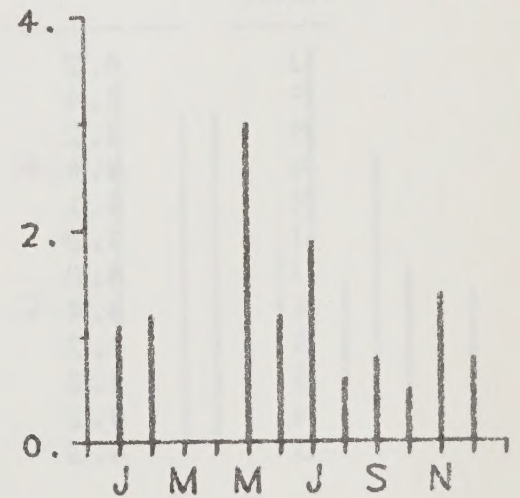
1981



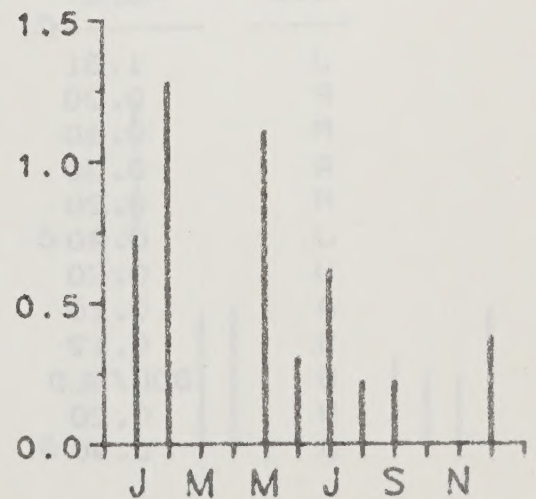
NA +
MG/L



SO4 =
MG/L



NO3 -
MG/L



STATION : MANIWAKI
1981

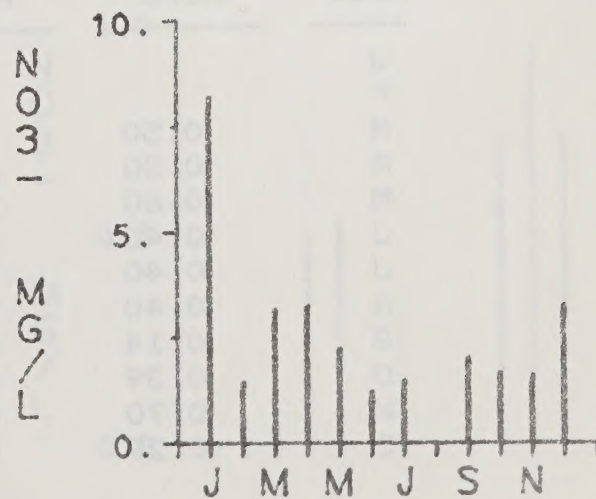
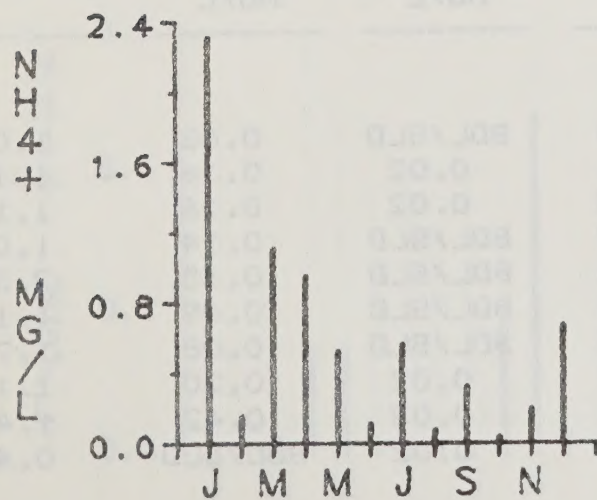
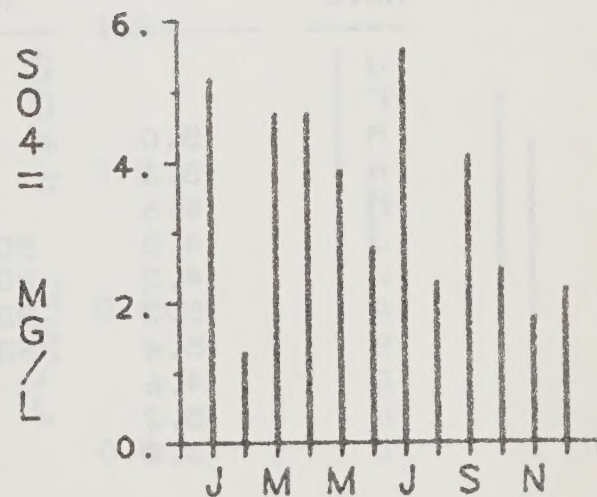
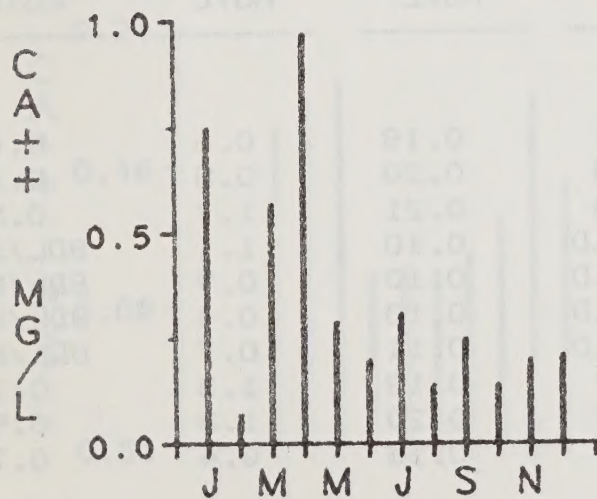
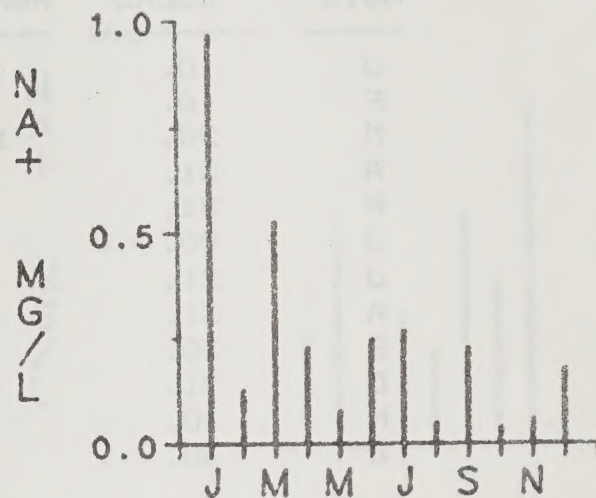
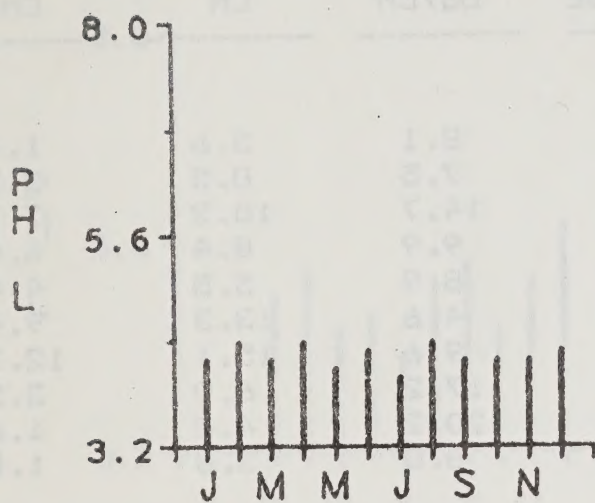
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	12.	61.2	2.1	0.5
F	28.	1.	16.9	11.6	12.9
M	32.	12.	38.5	5.0	4.0
A	30.	12.	36.7	6.7	4.8
M	31.	2.	41.1	10.5	9.5
J	30.	1.	31.9	11.6	6.1
J	30.	1.	52.8	7.1	8.3
A	31.	1.	21.1	9.5	8.0
S	31.	0.	36.1	8.3	6.6
O	30.	1.	33.2	6.5	3.4
N	30.	2.	28.8	7.4	5.7
D	32.	1.	28.8	2.5	1.8

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	4.2	2.32	0.75	5.2	8.22
F	4.4	0.16	0.07	1.3	1.46
M	4.2	1.12	0.57	4.7	3.19
A	4.4	0.96	0.97	4.7	3.28
M	4.1	0.53	0.29	3.9	2.26
J	4.3	0.12	0.20	2.8	1.24
J	4.0	0.57	0.31	5.6	1.50
A	4.4	0.08	0.14	2.3	BDL/SLD
S	4.2	0.33	0.25	4.1	2.04
O	4.2	0.04	0.14	2.5	1.67
N	4.2	0.20	0.20	1.8	1.61
D	4.3	0.68	0.21	2.2	3.28

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.31	0.97	0.10	0.14	1.0
F	0.20	0.13	0.01	0.05	1.1
M	0.60	0.53	0.07	0.05	1.1
A	0.30	0.23	0.13	0.07	1.0
M	0.20	0.08	0.05	0.05	1.1
J	0.40	0.25	0.03	0.18	0.9
J	0.20	0.27	0.05	0.14	1.1
A	0.10	0.05	0.02	0.04	1.1
S	0.12	0.23	0.02	0.04	0.9
O	BDL/SLD	0.04	0.02	0.03	1.0
N	0.20	0.06	0.02	0.02	1.3
D	0.40	0.18	0.02	0.05	1.0

MANIWAKI

1981



STATION : NITCHEQUON
 1981

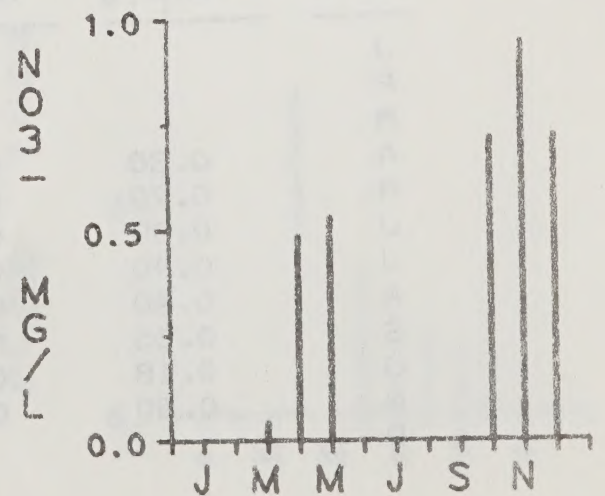
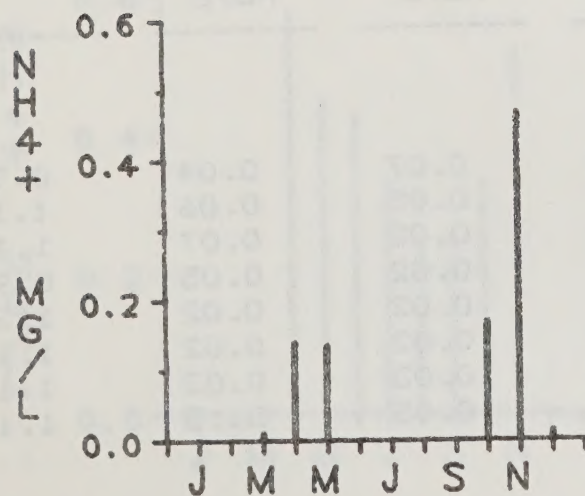
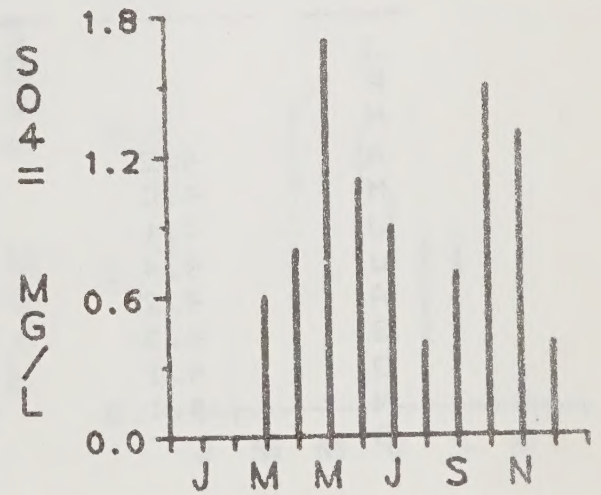
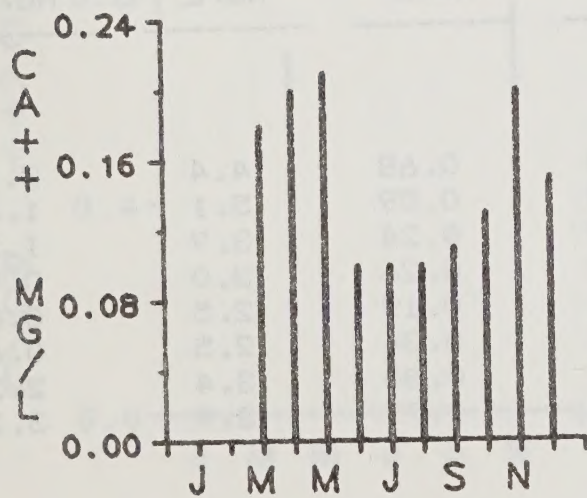
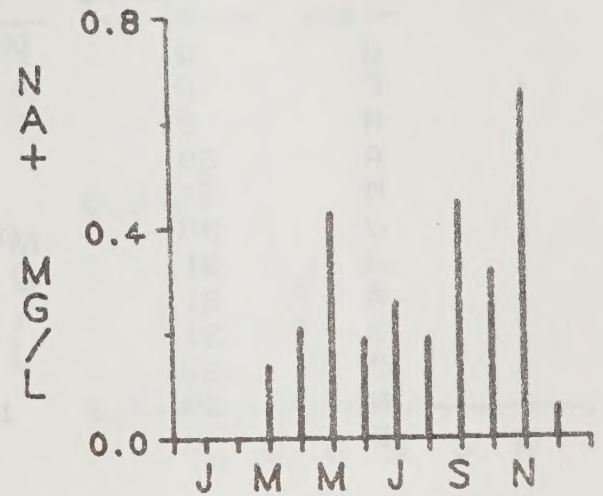
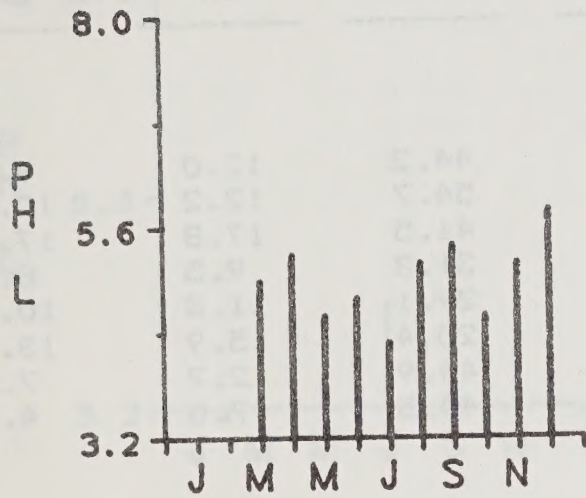
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	0.				
F	0.				
M	30.	12.	8.1	3.6	1.4
A	31.	2.	7.5	8.5	3.5
M	31.	1.	14.7	10.3	7.7
J	30.	0.	9.9	8.4	6.0
J	31.	1.	8.9	5.5	4.4
A	31.	0.	4.6	13.3	9.4
S	30.	0.	9.6	15.1	12.7
O	31.	2.	17.2	6.0	3.5
N	30.	1.	20.2	4.8	1.6
D	30.	1.	8.0	3.8	1.8

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SD4 = MG/L	NO3- MG/L
J					
F					
M	5.0	0.01	0.18	0.6	0.04
A	5.3	0.14	0.20	0.8	0.49
M	4.6	0.14	0.21	1.7	0.53
J	4.8	BDL/SLD	0.10	1.1	BDL/SLD
J	4.3	BDL/SLD	0.10	0.9	BDL/SLD
A	5.2	BDL/SLD	0.10	0.4	BDL/SLD
S	5.4	BDL/SLD	0.11	0.7	BDL/SLD
O	4.6	0.17	0.13	1.5	0.72
N	5.2	0.47	0.20	1.3	0.95
D	5.8	0.01	0.15	0.4	0.73

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J					
F					
M	0.50	0.14	BDL/SLD	0.03	1.0
A	0.30	0.21	0.02	0.16	1.1
M	0.60	0.43	0.02	0.16	1.1
J	0.40	0.19	BDL/SLD	0.14	1.0
J	0.40	0.26	BDL/SLD	0.15	2.3
A	0.40	0.19	BDL/SLD	0.09	1.1
S	0.14	0.45	BDL/SLD	0.08	1.7
O	0.39	0.32	0.02	0.20	1.1
N	0.70	0.66	0.03	0.42	1.4
D	0.29	0.06	0.02	BDL/SLD	0.4

NITCHEQUON

1981



STATION : QUEBEC CITY
1981

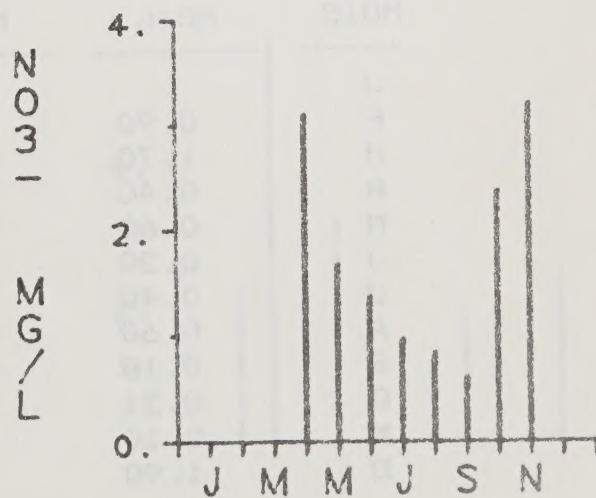
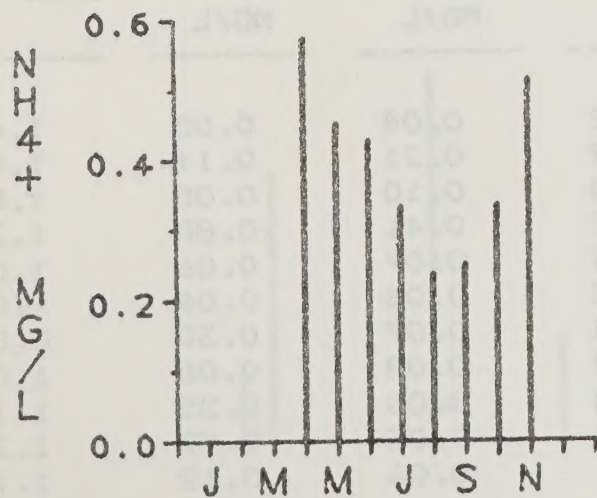
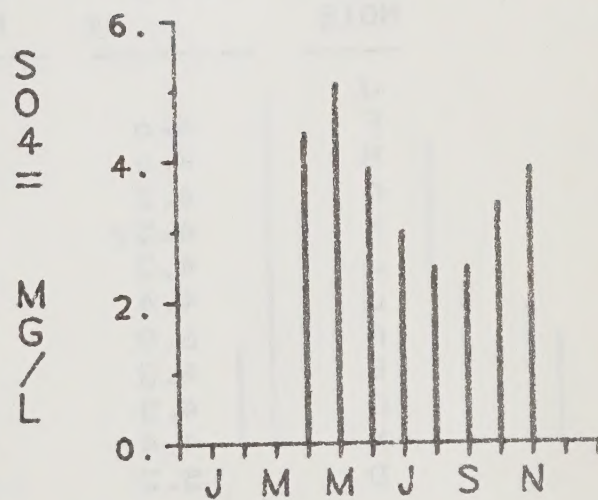
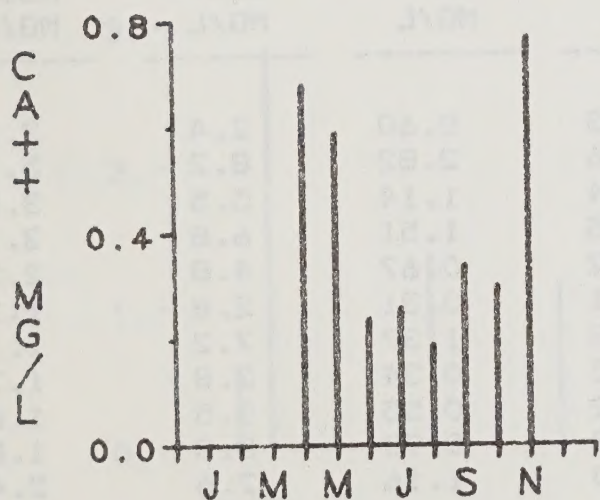
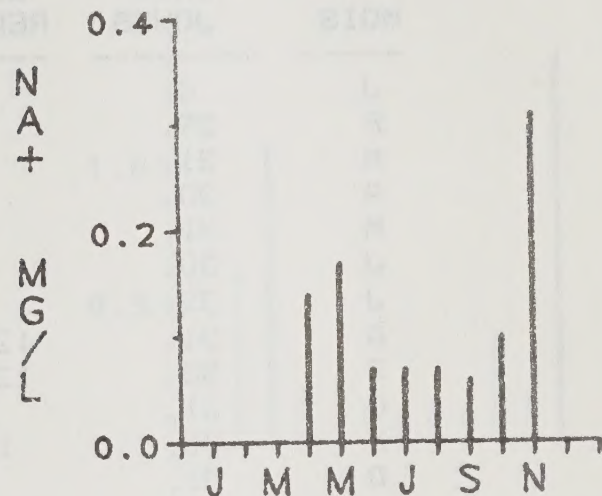
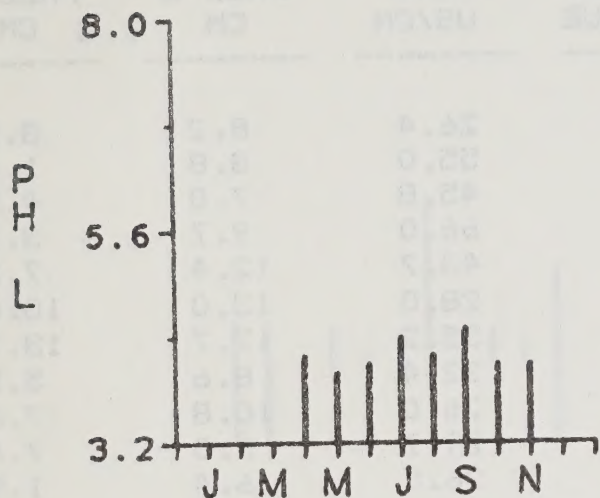
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	0.				
F	0.				
M	0.				
A	30.	0.	44.2	12.0	9.8
M	31.	1.	54.7	12.2	10.8
J	30.	12.	41.5	17.8	17.5
J	31.	0.	31.3	9.5	8.2
A	31.	1.	29.1	11.8	10.2
S	31.	0.	20.4	15.9	13.7
O	31.	0.	44.9	12.7	7.5
N	30.	12.	44.5	7.0	4.2
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J					
F					
M					
A	4.2	0.58	0.68	4.4	3.10
M	4.0	0.45	0.59	5.1	1.68
J	4.1	0.43	0.24	3.9	1.37
J	4.4	0.33	0.26	3.0	0.97
A	4.2	0.24	0.19	2.5	0.84
S	4.5	0.25	0.34	2.5	0.62
O	4.1	0.34	0.30	3.4	2.37
N	4.1	0.52	0.77	3.9	3.20
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J					
F					
M					
A	0.30	0.14	0.07	0.04	0.9
M	0.70	0.17	0.05	0.06	1.1
J	0.40	0.07	0.02	0.07	1.1
J	0.40	0.07	0.02	0.05	0.9
A	0.40	0.07	0.02	0.02	1.2
S	0.05	0.06	0.02	0.02	1.1
O	0.18	0.10	0.03	0.02	1.1
N	0.50	0.31	0.05	0.15	1.1
D					

QUEBEC CITY

1981



STATION : ST HUBERT
1981

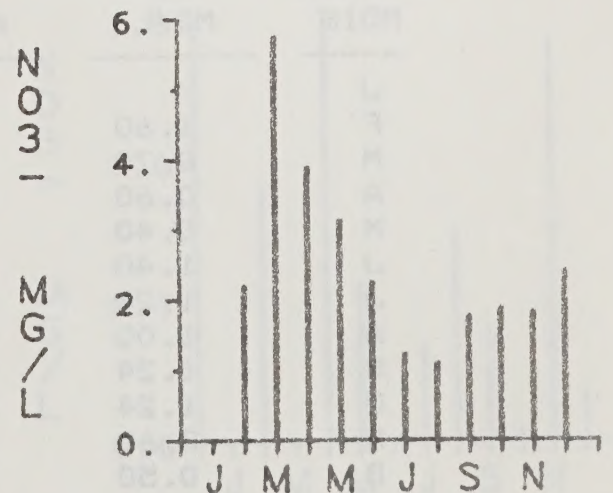
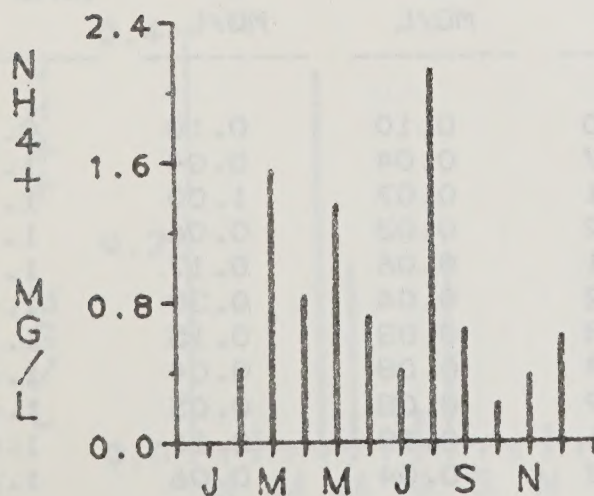
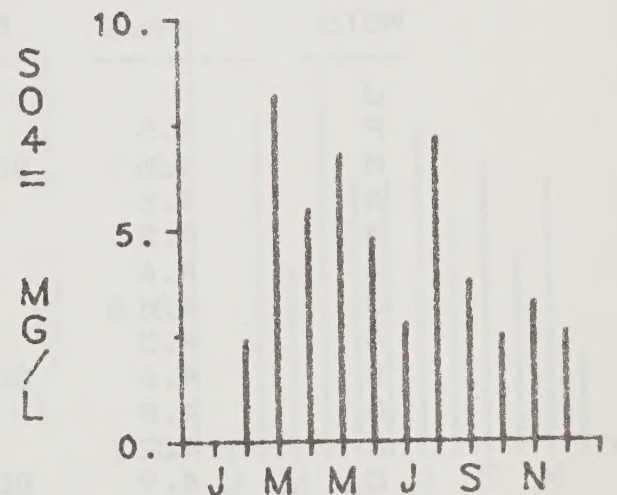
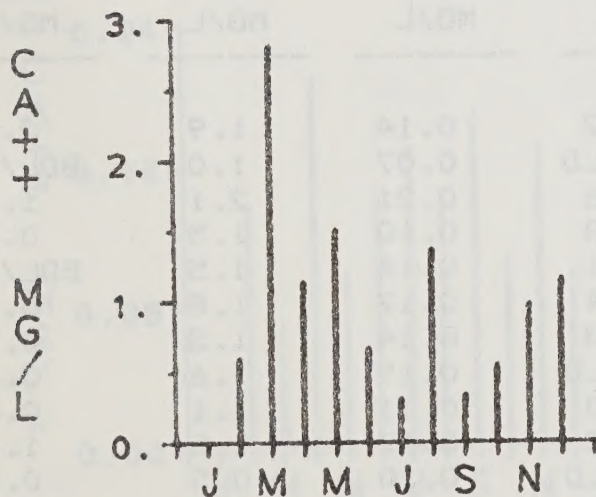
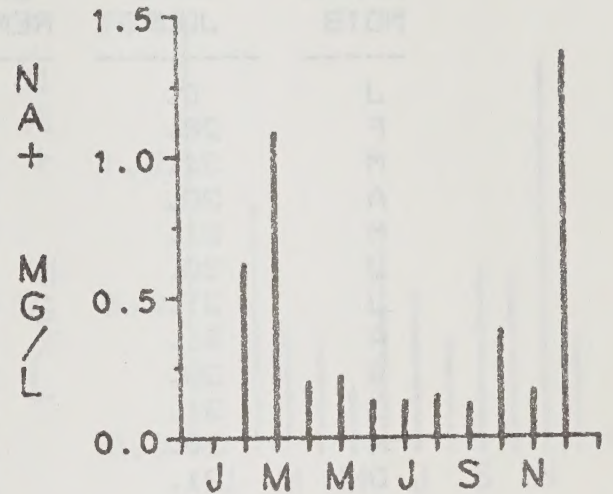
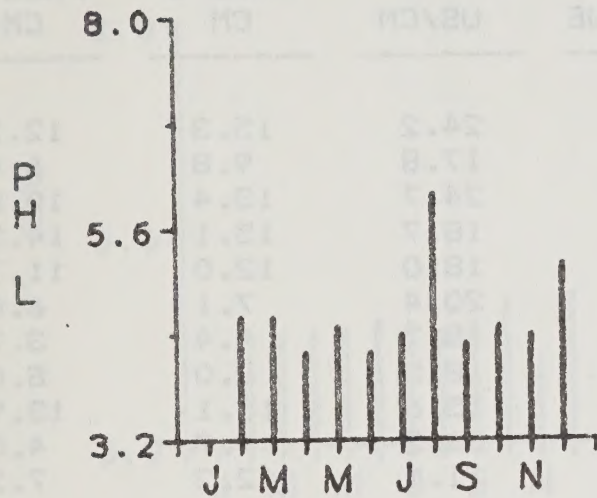
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	0.				
F	29.	0.	26.4	8.2	8.5
M	31.	1.	55.0	8.8	1.4
A	30.	1.	45.8	7.0	4.5
M	31.	1.	66.0	9.7	3.3
J	30.	1.	43.7	12.4	7.3
J	32.	0.	28.0	13.0	10.0
A	31.	123.	35.2	17.7	13.7
S	30.	123.	32.4	8.6	5.5
O	31.	2.	26.0	10.8	7.6
N	30.	12.	29.7	8.0	7.4
D	31.	1.	26.5	6.4	1.9

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J					
F	4.6	0.43	0.60	2.4	2.20
M	4.6	1.56	2.82	8.2	5.75
A	4.2	0.84	1.14	5.5	3.89
M	4.5	1.35	1.51	6.8	3.14
J	4.2	0.72	0.67	4.8	2.26
J	4.4	0.41	0.31	2.8	1.24
A	6.0	2.13	1.37	7.2	1.11
S	4.3	0.65	0.34	3.8	1.77
O	4.5	0.22	0.55	2.5	1.89
N	4.4	0.38	0.98	3.3	1.83
D	5.2	0.60	1.16	2.6	2.42

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J					
F	0.90	0.62	0.04	0.05	1.0
M	1.70	1.09	0.21	0.11	1.0
A	0.40	0.20	0.10	0.05	1.0
M	0.60	0.22	0.41	0.88	1.2
J	0.30	0.13	0.07	0.06	1.0
J	0.40	0.13	0.03	0.06	1.0
A	0.60	0.15	0.07	0.30	0.8
S	0.18	0.12	0.03	0.06	1.0
O	0.31	0.38	0.05	0.35	1.1
N	0.10	0.17	0.05	0.07	1.2
D	1.90	1.37	0.06	0.12	1.1

ST HUBERT

1981



STATION : SEPT ISLES
 1981

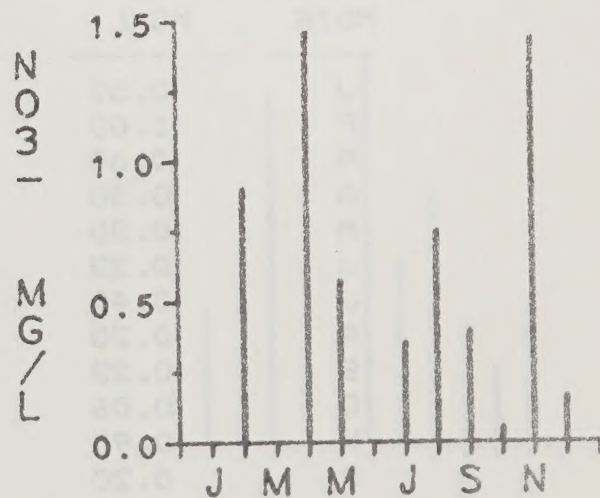
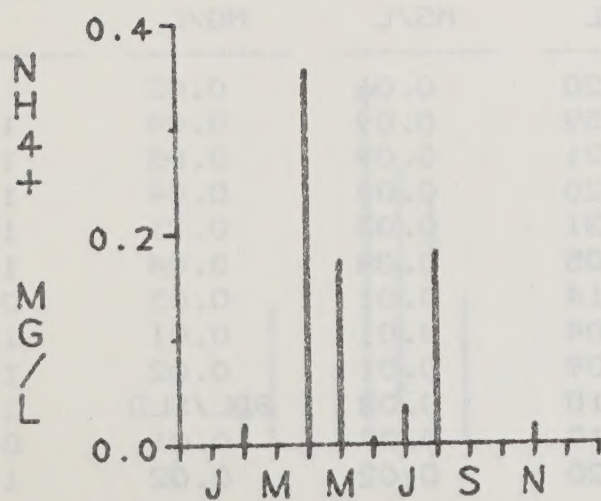
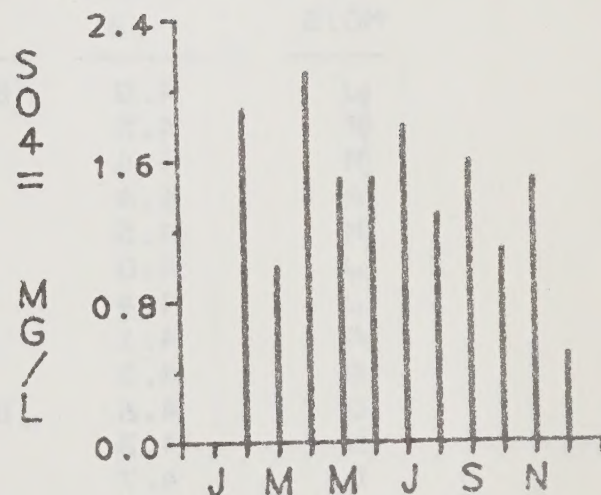
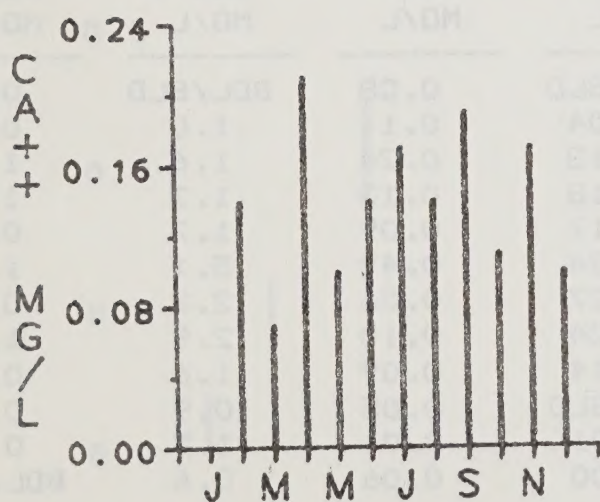
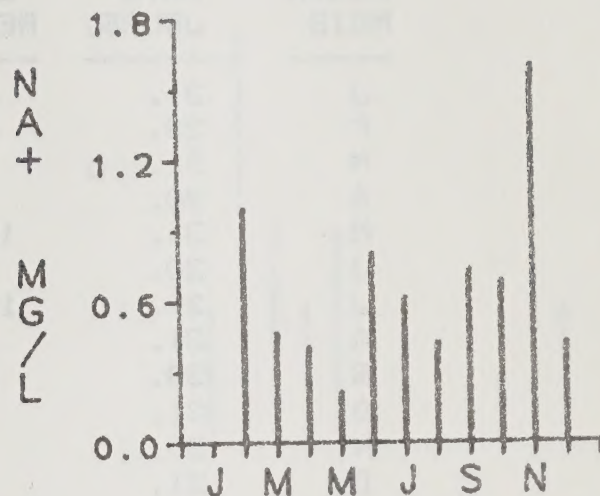
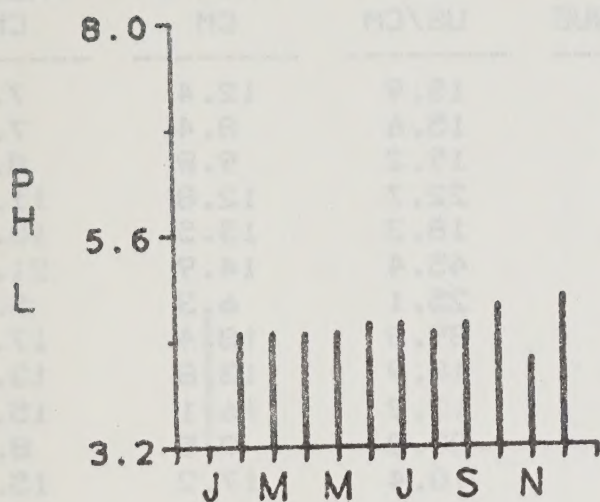
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	0.				
F	28.	2.	24.2	15.3	12.2
M	31.	0.	17.8	9.8	6.4
A	30.	0.	24.7	13.4	10.8
M	31.	0.	18.7	15.1	14.5
J	30.	1.	18.0	12.0	11.7
J	31.	2.	20.4	7.1	6.8
A	31.	0.	18.7	4.4	3.7
S	30.	1.	18.5	8.0	8.0
O	31.	0.	15.6	15.1	13.9
N	30.	0.	36.2	7.7	4.0
D	31.	0.	11.1	12.2	7.2

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J					
F	4.5	0.02	0.14	1.9	0.90
M	4.5	BDL/SLD	0.07	1.0	BDL/SLD
A	4.5	0.36	0.21	2.1	1.46
M	4.5	0.18	0.10	1.5	0.58
J	4.6	0.01	0.14	1.5	BDL/SLD
J	4.6	0.04	0.17	1.8	0.35
A	4.5	0.18	0.14	1.3	0.75
S	4.6	BDL/SLD	0.19	1.6	0.40
O	4.8	0.00	0.11	1.1	0.05
N	4.2	0.02	0.17	1.5	1.43
D	4.9	BDL/SLD	0.10	0.5	0.16

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J					
F	1.60	1.00	0.10	0.10	0.9
M	0.70	0.47	0.04	0.04	1.5
A	0.60	0.41	0.07	1.00	1.3
M	0.40	0.22	0.03	0.06	1.2
J	1.40	0.81	0.06	0.17	1.1
J	1.20	0.62	0.04	0.30	1.0
A	1.00	0.43	0.03	0.15	1.1
S	1.24	0.74	0.08	0.04	1.0
O	1.24	0.69	0.08	0.05	1.0
N	3.60	1.61	0.18	0.11	1.0
D	0.50	0.43	0.04	0.06	1.5

SEPT ISLES

1981



STATION : ACADIA FES
1981

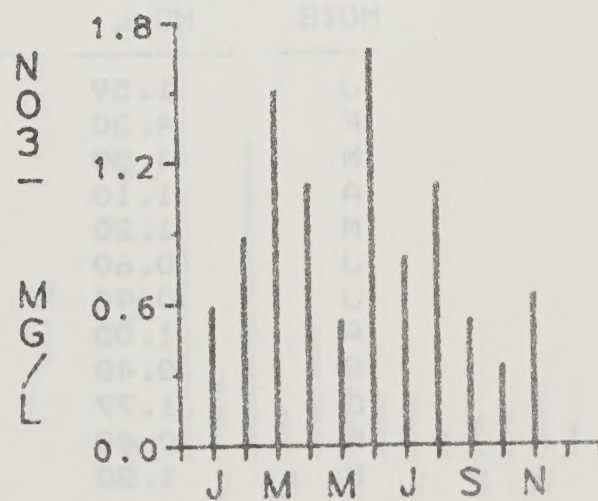
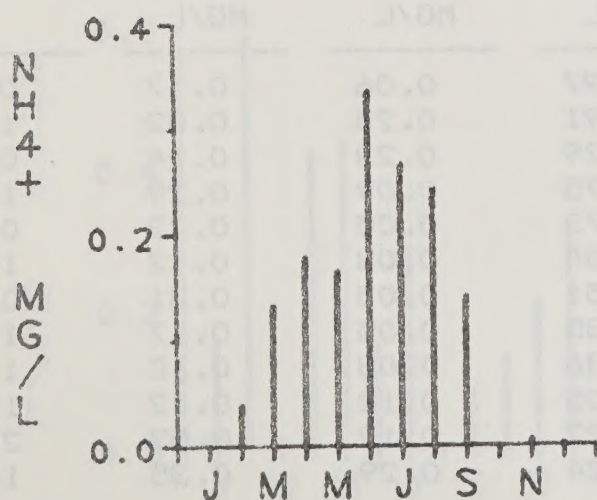
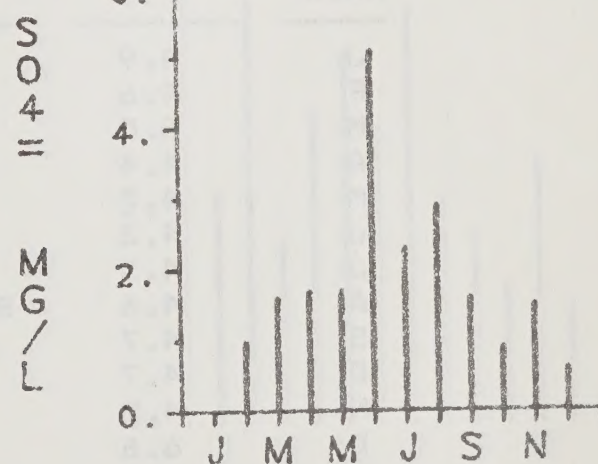
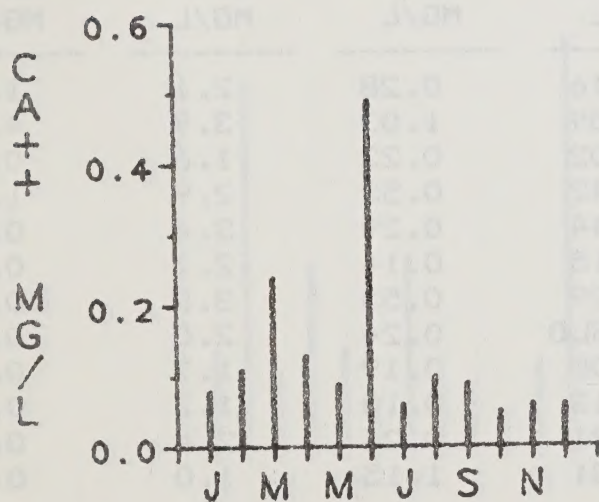
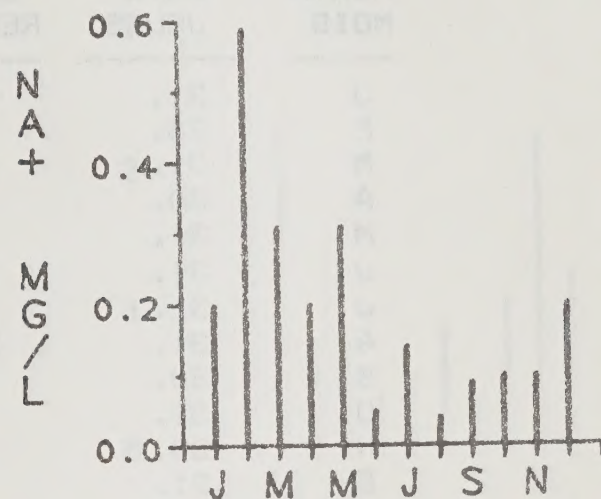
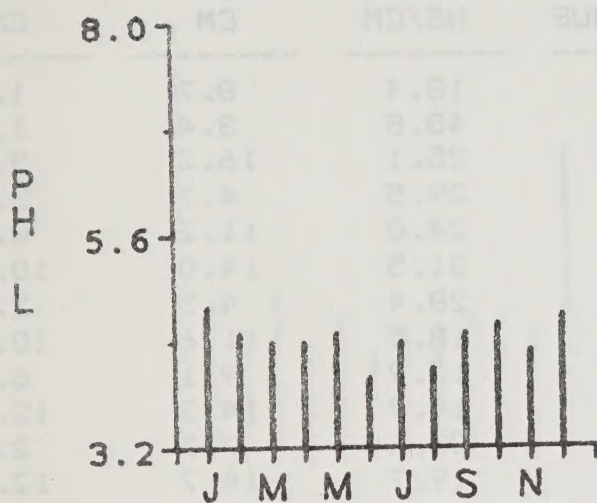
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	13.9	12.4	7.9
F	28.	12.	15.6	8.4	7.6
M	31.	12.	19.2	9.8	8.6
A	30.	0.	22.7	12.8	11.5
M	31.	123.	18.3	13.5	13.1
J	30.	2.	45.4	14.9	21.0
J	31.	123.	25.1	6.3	5.0
A	31.	2.	39.8	18.4	17.9
S	30.	12.	18.9	13.8	13.4
O	31.	1.	12.2	16.1	15.3
N	30.	0.	23.2	9.5	8.5
D	31.	1.	10.4	17.2	15.4

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	4.8	BDL/SLD	0.08	BDL/SLD	0.59
F	4.5	0.04	0.11	1.0	0.88
M	4.4	0.13	0.24	1.6	1.50
A	4.4	0.18	0.13	1.7	1.11
M	4.5	0.17	0.09	1.7	0.53
J	4.0	0.34	0.49	5.1	1.68
J	4.4	0.27	0.06	2.3	0.80
A	4.1	0.24	0.10	2.9	1.11
S	4.5	0.14	0.09	1.6	0.53
O	4.6	BDL/SLD	0.05	0.9	0.34
N	4.3	0.01	0.06	1.5	0.64
D	4.7	0.00	0.06	0.6	BDL/SLD

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.52	0.20	0.06	0.02	
F	1.00	0.59	0.09	0.04	1.2
M	0.60	0.31	0.09	0.03	1.1
A	0.30	0.20	0.04	0.04	1.1
M	0.30	0.31	0.03	0.21	1.3
J	0.23	0.05	0.08	0.04	1.1
J	0.40	0.14	0.01	0.05	0.9
A	0.20	0.04	0.01	0.01	1.2
S	0.23	0.09	0.01	0.02	1.0
O	0.06	0.10	0.03	BDL/SLD	1.3
N	0.90	0.10	0.02	0.01	0.9
D	0.20	0.20	0.02	0.02	1.9

ACADIA FES

1981



STATION : CHARLO
1981

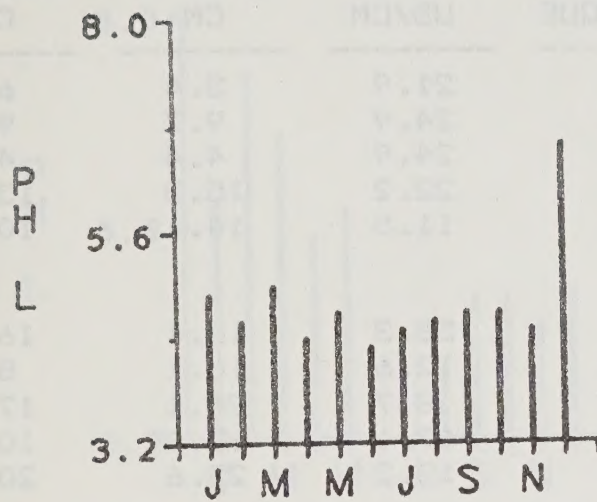
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	18.4	8.7	1.9
F	28.	1.	48.8	3.4	1.0
M	31.	0.	25.1	16.2	9.1
A	30.	1.	29.5	4.7	3.6
M	31.	2.	24.0	11.2	8.3
J	31.	1.	31.5	14.0	10.3
J	31.	0.	28.4	4.5	2.0
A	31.	23.	18.5	11.6	10.2
S	30.	1.	15.9	9.1	6.4
O	31.	0.	19.9	14.3	12.6
N	30.	0.	33.6	7.3	2.0
D	31.	0.	19.7	14.7	12.4

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SD4 = MG/L	NO3- MG/L
J	4.9	0.16	0.28	2.1	1.01
F	4.6	0.59	1.03	3.9	4.38
M	5.0	0.02	0.22	1.6	0.53
A	4.4	0.42	0.53	2.9	1.81
M	4.7	0.44	0.29	3.4	0.89
J	4.3	0.15	0.14	2.7	0.80
J	4.5	0.29	0.55	3.8	0.71
A	4.6	BDL/SLD	0.24	2.0	0.22
S	4.7	0.08	0.19	1.7	0.35
O	4.7	0.13	0.10	1.2	0.57
N	4.5	0.21	0.24	2.4	0.85
D	6.6	0.31	1.15	1.0	0.26

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.59	0.97	0.06	0.17	0.8
F	4.30	2.91	0.23	0.82	1.0
M	4.50	2.29	0.23	0.14	0.9
A	1.10	0.75	0.09	0.29	1.1
M	1.20	0.73	0.05	0.72	0.9
J	0.60	0.34	0.03	0.12	1.0
J	0.90	0.51	0.05	0.31	0.9
A	1.00	0.85	0.05	0.17	1.1
S	0.40	0.36	0.03	0.10	1.0
O	1.77	1.05	0.12	0.12	1.1
N	0.40	2.22	0.18	0.53	2.4
D	1.80	1.24	0.29	0.35	1.1

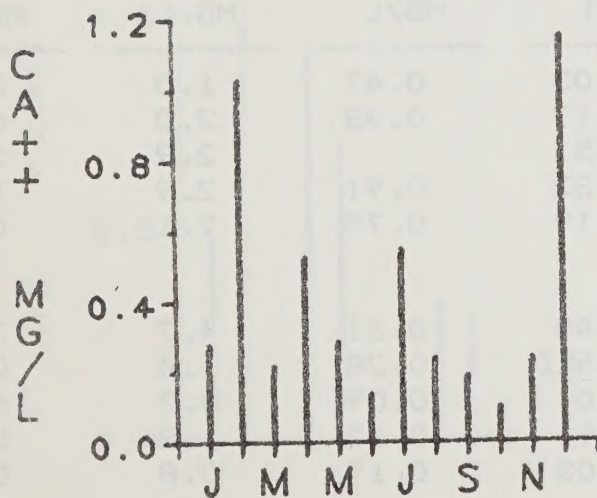
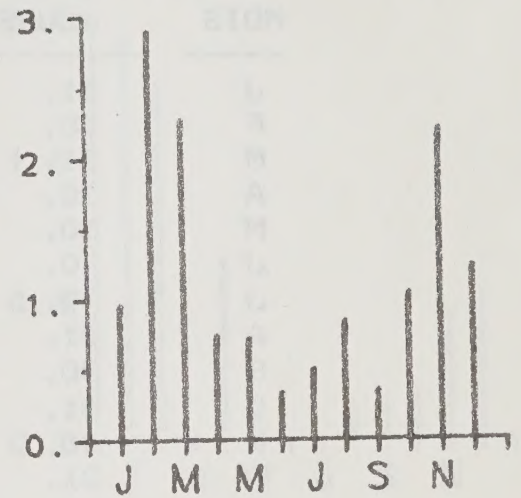
CHARLO

1981



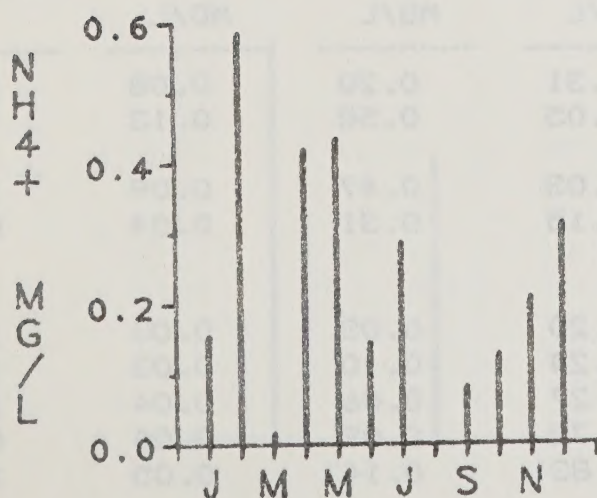
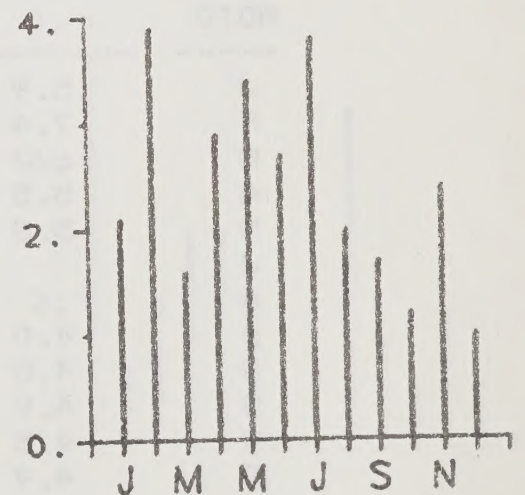
NA⁺

MG/L



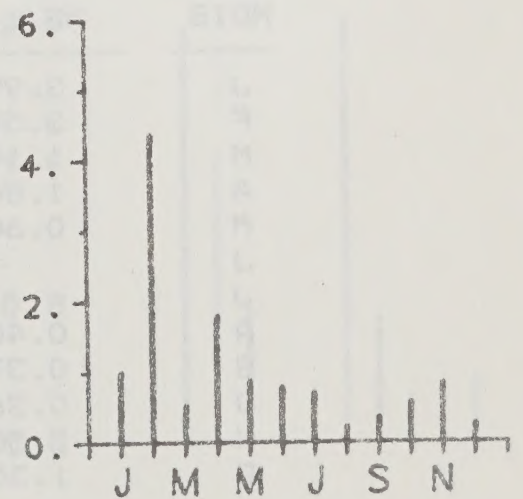
SO₄⁼

MG/L



NO₃⁻

MG/L



STATION : SAINT JOHN
1981

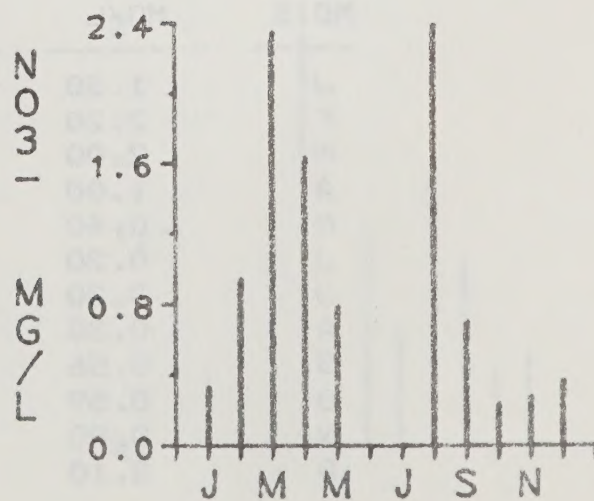
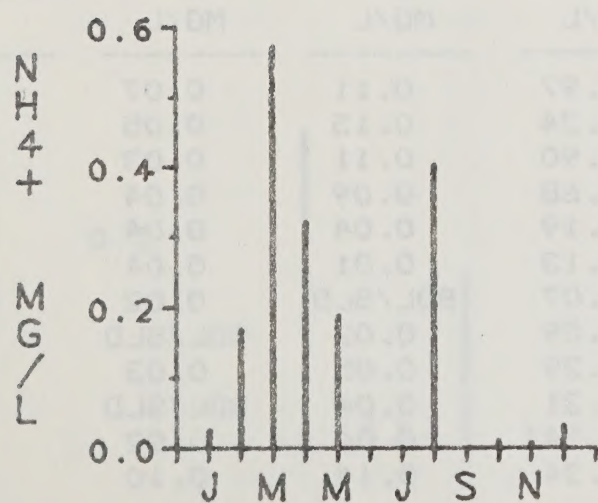
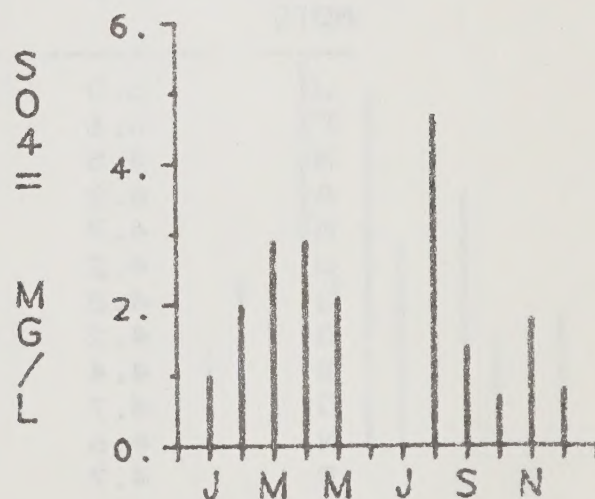
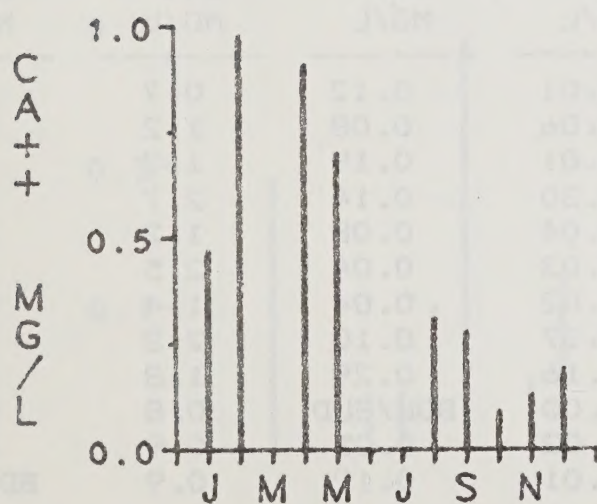
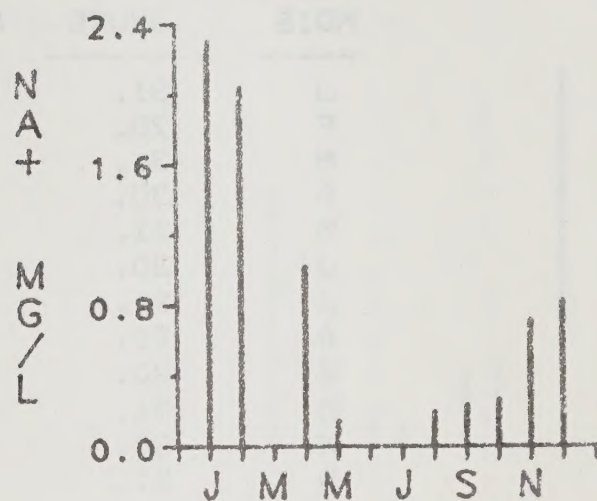
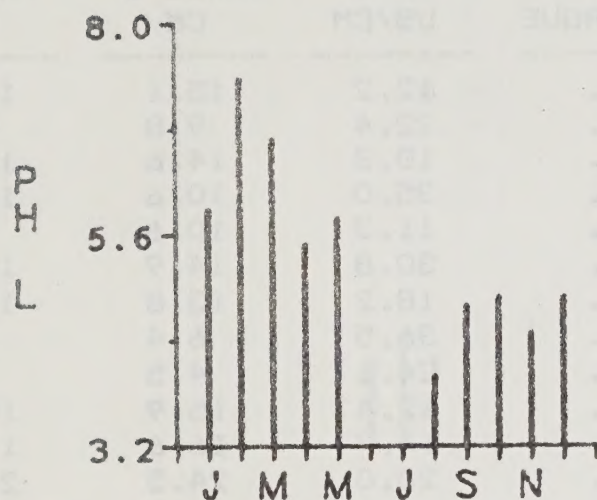
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	21.9	3.4	6.1
F	28.	0.	24.9	9.7	9.1
M	31.	1.	24.9	4.4	4.7
A	30.	1.	22.2	15.3	13.0
M	30.	2.	11.5	14.1	10.4
J	0.				
J	0.				
A	31.	0.	58.3	18.1	16.4
S	30.	0.	12.6	10.1	8.3
O	31.	0.	8.7	20.1	17.8
N	30.	0.	19.1	13.8	10.9
D	31.	0.	13.2	25.6	20.8

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.9	0.03	0.47	1.0	0.34
F	7.4	0.17	0.98	2.0	0.95
M	6.7	0.57		2.9	2.35
A	5.5	0.32	0.91	2.9	1.64
M	5.8	0.19	0.70	2.1	0.80
J					
J					
A	4.0	0.40	0.31	4.7	2.39
S	4.8	BDL/SLD	0.28	1.4	0.71
O	4.9	0.01	0.09	0.7	0.24
N	4.5	0.01	0.13	1.8	0.28
D	4.9	0.03	0.19	0.8	0.38

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	3.99	2.31	0.20	0.08	1.0
F	3.50	2.05	0.58	0.13	1.0
M	1.10				
A	1.80	1.03	0.47	0.09	1.1
M	0.60	0.15	0.31	0.04	0.9
J					
J					
A	0.40	0.20	0.08	0.03	1.0
S	0.37	0.24	0.10	0.03	1.0
O	0.36	0.27	0.06	0.04	1.2
N	3.50	0.72	0.09	0.04	0.6
D	1.30	0.83	0.14	0.05	1.2

SAINT JOHN

1981



STATION : KEJIMKUJIK
1981

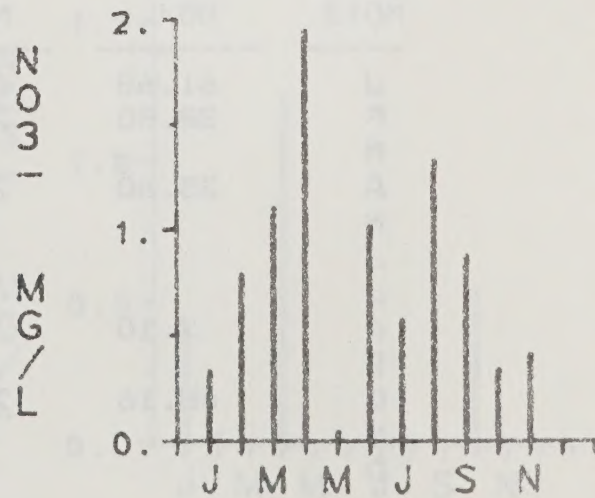
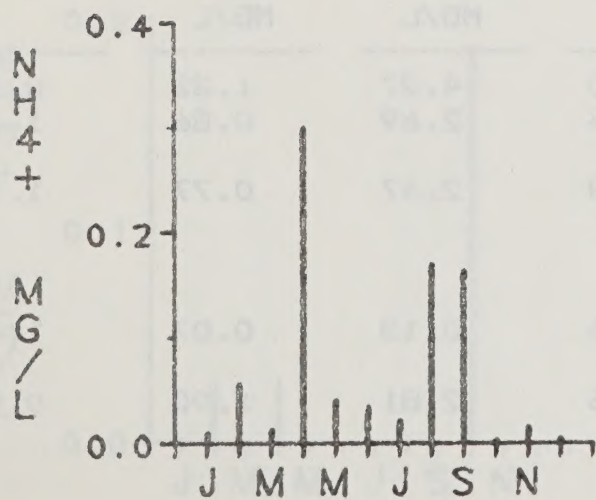
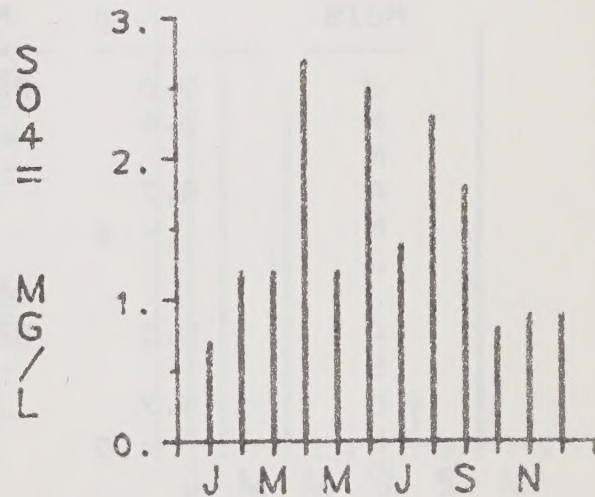
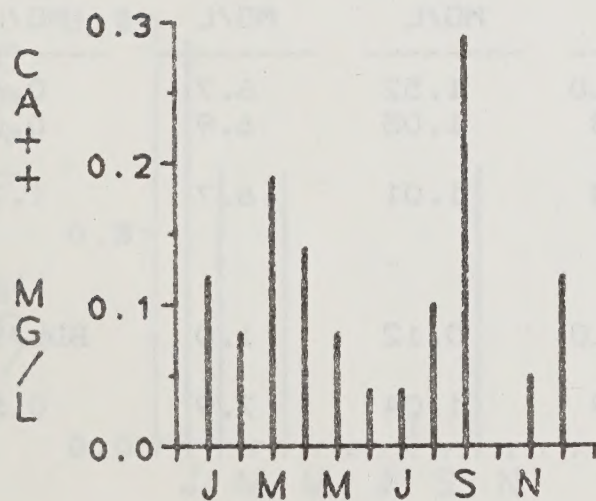
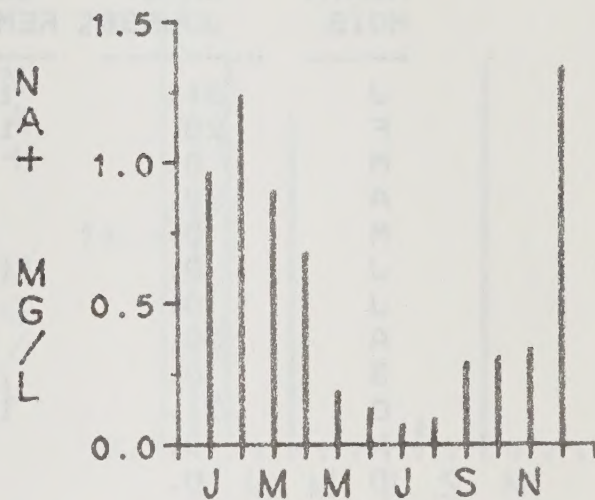
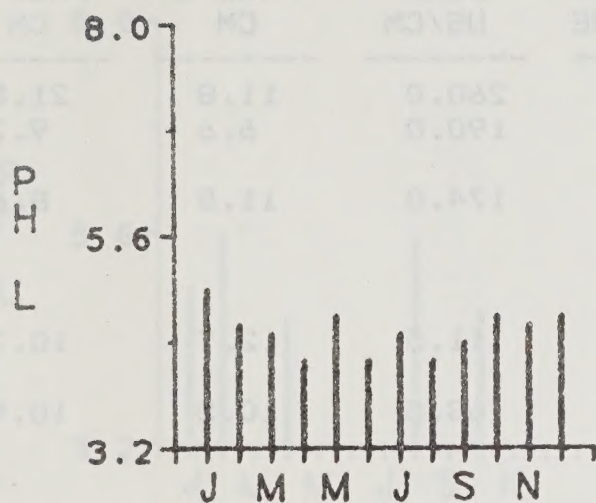
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	12.2	15.1	16.5
F	28.	12.	22.4	9.8	9.6
M	31.	1.	18.3	14.6	14.8
A	30.	12.	35.0	10.6	10.3
M	31.	3.	11.3	10.6	9.4
J	30.	12.	30.8	14.9	14.4
J	31.	12.	18.2	13.8	13.8
A	31.	1.	36.5	6.4	7.8
S	30.	0.	24.1	4.5	9.2
O	31.	2.	12.4	15.9	15.9
N	30.	0.	14.7	16.6	16.8
D	31.	12.	20.0	24.5	23.4

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.0	0.01	0.12	0.7	0.33
F	4.6	0.06	0.08	1.2	0.79
M	4.5	0.01	0.19	1.2	1.11
A	4.2	0.30	0.14	2.7	1.95
M	4.7	0.04	0.08	1.2	0.04
J	4.2	0.03	0.04	2.5	1.02
J	4.5	0.02	0.04	1.4	0.58
A	4.2	0.17	0.10	2.3	1.33
S	4.4	0.16	0.29	1.8	0.88
O	4.7	0.00	BDL/SLD	0.8	0.34
N	4.6	0.02	0.05	0.9	0.42
D	4.7	0.01	0.12	0.9	BDL/SLD

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.50	0.97	0.11	0.07	1.1
F	2.20	1.24	0.15	0.05	1.0
M	2.00	0.90	0.11	0.03	0.9
A	1.00	0.68	0.09	0.04	1.1
M	0.40	0.19	0.04	0.04	1.0
J	0.20	0.13	0.01	0.04	1.0
J	0.30	0.07	BDL/SLD	0.02	0.8
A	0.30	0.09	0.02	BDL/SLD	1.1
S	0.56	0.29	0.05	0.03	1.2
O	0.59	0.31	0.04	BDL/SLD	1.0
N	0.80	0.34	0.04	0.02	1.0
D	2.10	1.34	0.14	0.10	1.3

KEJIMKUJIK

1981



STATION : SABLE ISLAND
 1981

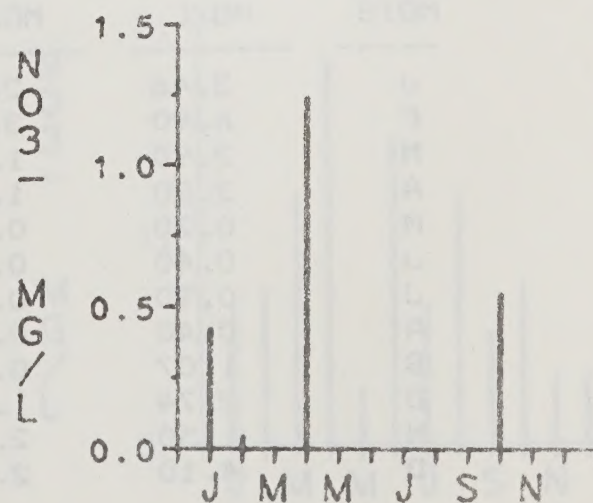
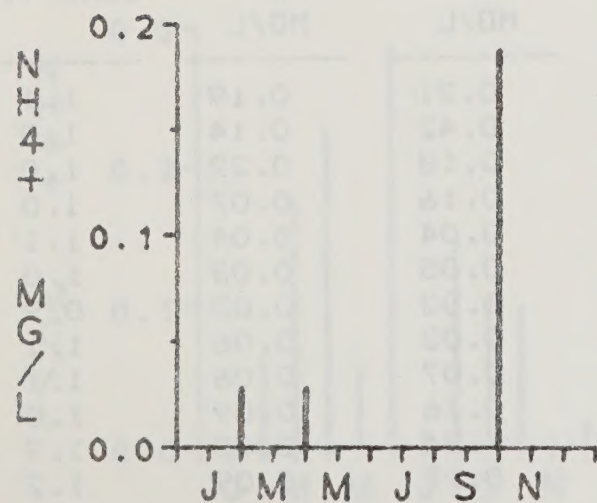
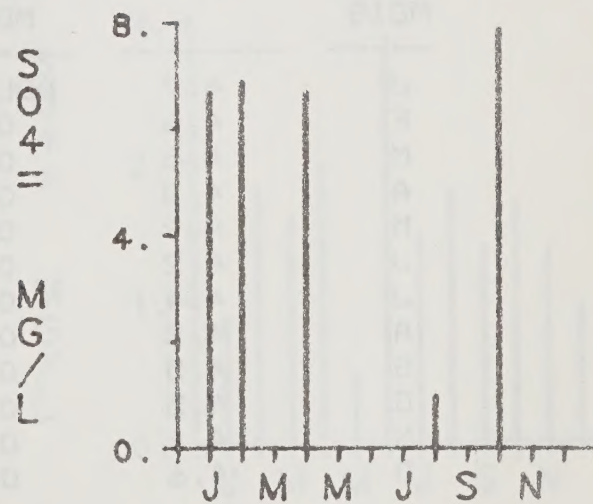
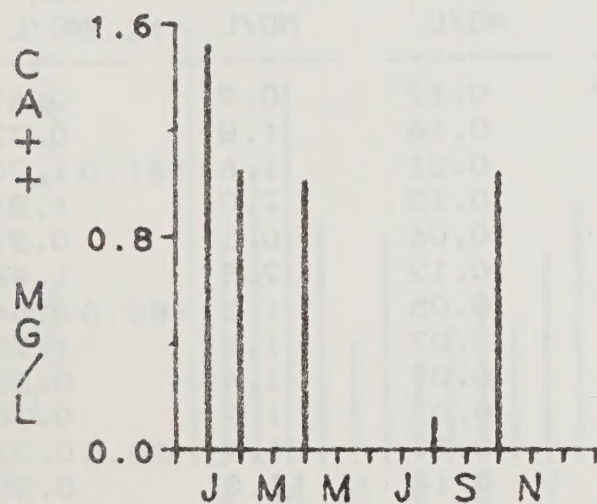
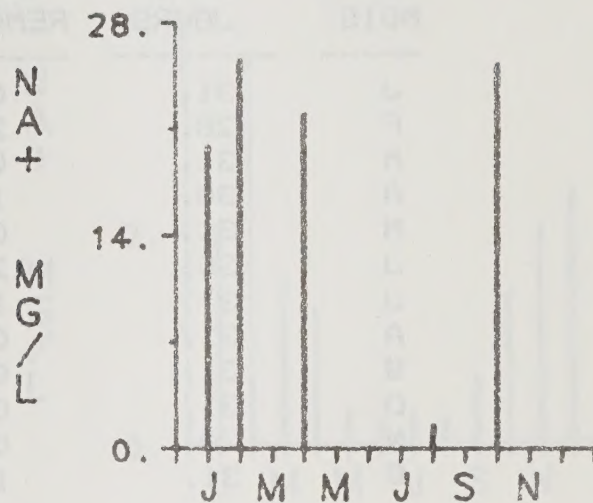
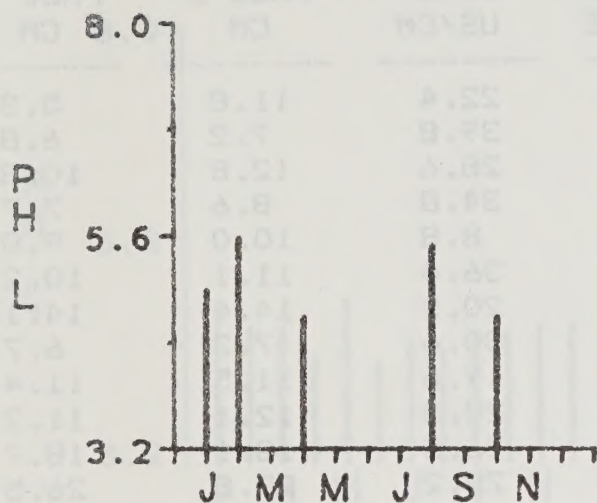
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	16.	260.0	11.8	21.5
F	28.	16.	190.0	6.6	9.7
M	0.				
A	30.	1.	174.0	11.8	8.6
M	0.				
J	0.				
J	0.				
A	30.	0.	11.5	12.7	10.7
S	0.				
O	31.	16.	63.5	10.5	10.9
N	0.				
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.0	BDL/SLD	1.52	6.7	0.42
F	5.6	0.03	1.05	6.9	0.04
M					
A	4.7	0.03	1.01	6.7	1.24
M					
J					
J					
A	5.5	BDL/SLD	0.12	1.0	BDL/SLD
S					
O	4.7	0.19	1.04	7.9	0.55
N					
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	61.68	19.90	4.27	1.33	0.7
F	38.80	25.64	2.69	0.86	1.1
M					
A	35.60	22.08	2.47	0.77	1.1
M					
J					
J					
A	2.10	1.56	0.13	0.07	1.1
S					
O	48.16	25.36	2.81	1.00	0.9
N					
D					

SABLE ISLAND

1981



STATION : SHELBURNE
 1981

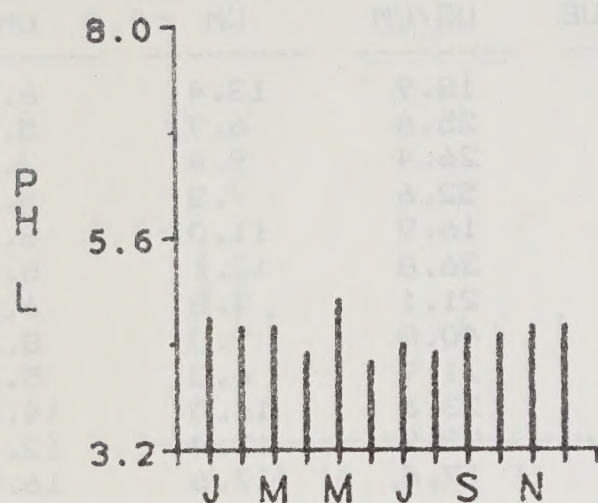
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	0.	22.4	11.8	5.3
F	28.	2.	39.8	7.2	6.8
M	31.	0.	28.6	12.8	10.3
A	30.	1.	34.8	8.6	7.7
M	31.	0.	8.8	10.0	9.8
J	30.	12.	36.4	11.1	10.2
J	31.	1.	20.2	14.4	14.1
A	31.	0.	30.6	7.3	6.7
S	31.	0.	19.6	11.5	11.4
O	31.	0.	28.8	12.1	11.2
N	30.	0.	26.5	18.1	18.7
D	31.	1.	28.2	27.8	26.5

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	4.7	BDL/SLD	0.12	0.9	0.67
F	4.6	0.07	0.16	1.8	0.73
M	4.6	0.18	0.21	1.6	1.20
A	4.3	0.23	0.13	2.0	1.81
M	4.9	0.06	0.06	0.5	0.27
J	4.2	0.29	0.12	2.9	1.46
J	4.4	0.01	0.05	1.5	0.66
A	4.3	0.15	0.07	1.8	1.20
S	4.5	0.11	0.09	1.4	0.53
O	4.5	0.10	0.07	1.7	0.76
N	4.6	0.01	0.11	1.4	0.33
D	4.6	0.02	0.14	1.0	0.35

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	3.46	2.14	0.21	0.19	1.1
F	6.90	3.66	0.42	0.14	1.0
M	2.90	1.54	0.18	0.22	1.0
A	2.30	1.30	0.16	0.07	1.0
M	0.70	0.32	0.04	0.04	1.1
J	0.40	0.20	0.05	0.03	1.0
J	0.90	0.32	0.03	0.03	0.9
A	0.40	0.25	0.03	0.06	1.1
S	1.07	0.63	0.07	0.06	1.1
O	2.74	1.47	0.16	0.09	1.0
N	1.50	2.09	0.24	0.08	1.9
D	4.10	2.44	0.27	0.09	1.2

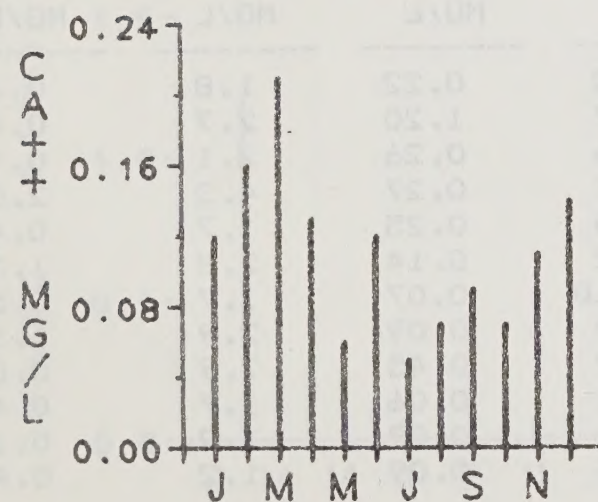
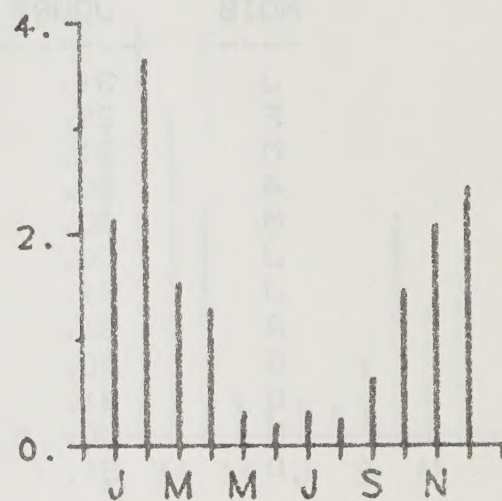
SHELBURNE

1981



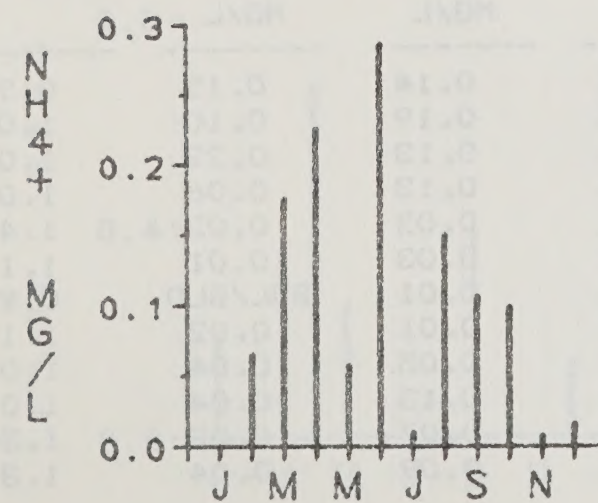
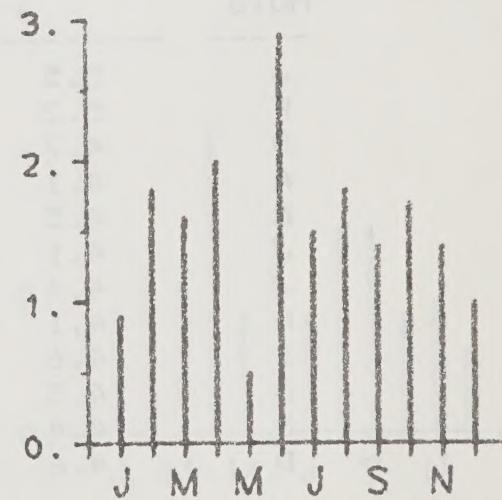
N A +

M G / L



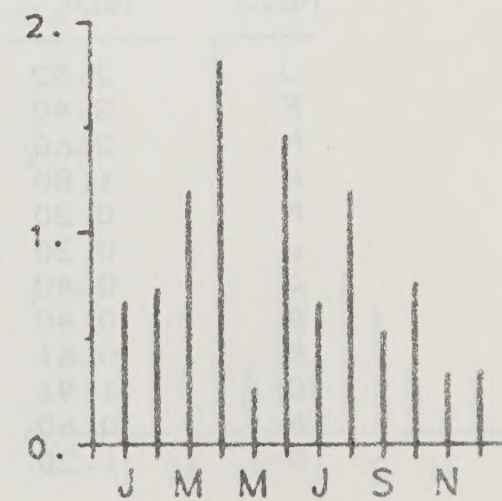
S O 4 =

M G / L



N O 3 -

M G / L



STATION : TRURO
 1981

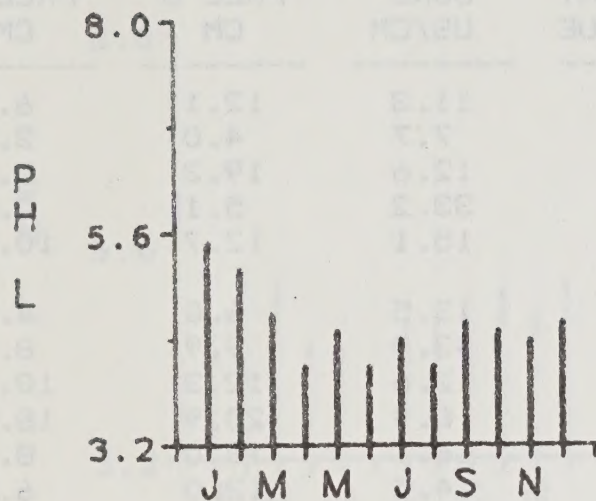
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	FREC S CM	FREC C CM
J	31.	1.	18.9	13.4	6.7
F	29.	0.	25.6	6.9	5.2
M	31.	12.	26.4	9.4	7.1
A	30.	1.	52.6	7.3	5.8
M	30.	1.	16.9	11.0	8.4
J	30.	1.	36.8	12.1	8.5
J	31.	0.	21.1	7.8	6.8
A	31.	2.	40.8	9.0	8.2
S	30.	12.	21.9	6.3	5.3
O	31.	0.	23.6	16.5	14.4
N	30.	0.	23.2	13.4	12.1
D	31.	0.	17.6	17.6	16.5

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	5.5	0.20	0.22	1.8	0.63
F	5.2	0.07	1.20	2.7	0.86
M	4.7	0.36	0.26	2.1	0.93
A	4.1	0.67	0.27	4.3	2.83
M	4.5	0.25	0.25	1.7	0.49
J	4.1	0.02	0.14	2.8	1.33
J	4.4	BDL/SLD	0.07	1.7	0.53
A	4.1	0.10	0.09	2.9	1.15
S	4.6	0.39	0.45	2.9	0.89
O	4.5	0.11	0.06	1.7	0.48
N	4.4	0.01	0.09	1.9	0.11
D	4.6	0.15	0.09	1.2	0.44

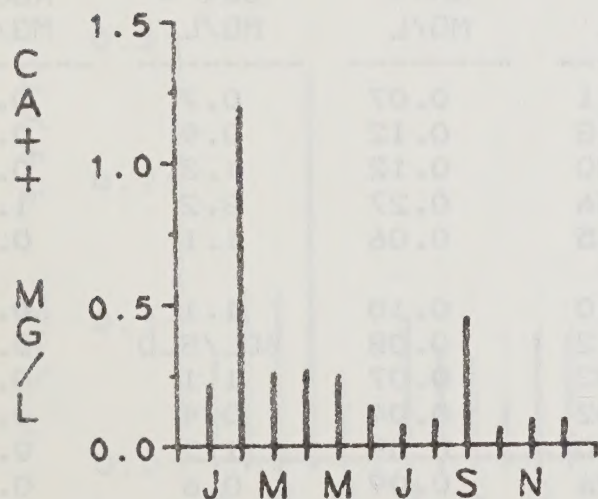
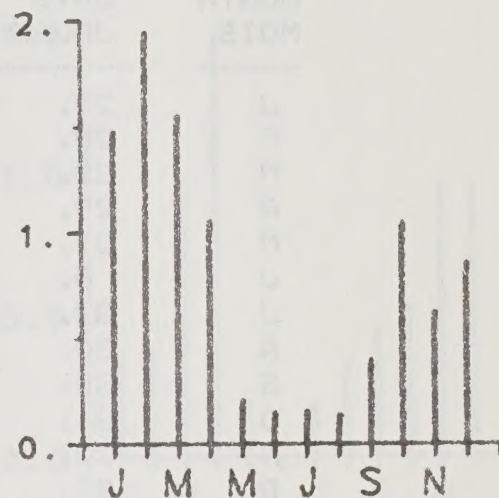
MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	2.52	1.48	0.14	0.15	0.9
F	3.40	1.95	0.19	0.10	1.0
M	2.60	1.56	0.13	0.22	1.0
A	1.80	1.06	0.13	0.06	1.0
M	0.30	0.21	0.03	0.02	1.4
J	0.30	0.15	0.03	0.01	1.1
J	0.40	0.16	0.01	BDL/SLD	0.9
A	0.40	0.14	0.01	0.02	1.1
S	0.61	0.40	0.05	0.04	1.0
O	1.91	1.05	0.13	0.04	1.0
N	0.60	0.63	0.07	0.02	1.3
D	1.20	0.86	0.09	0.04	1.3

TRURO

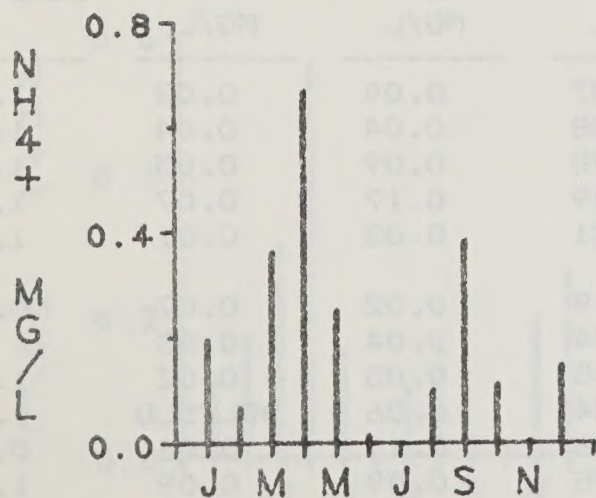
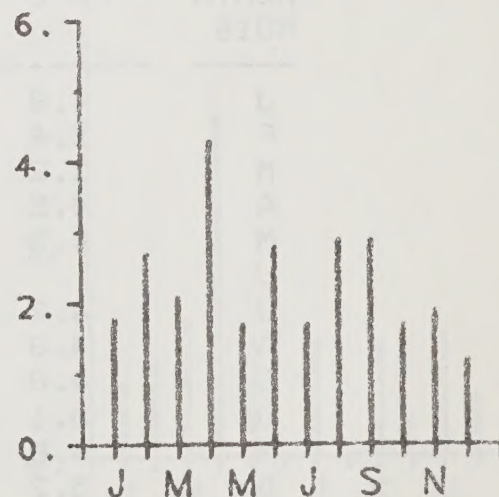
1981



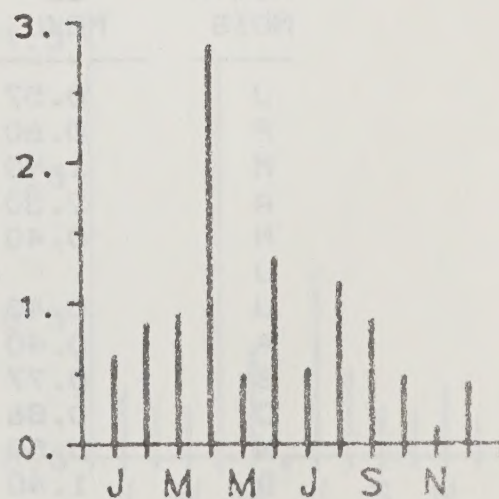
NA +
MG/L



SO4 =
MG/L



NO3 -
MG/L



STATION : GANDER
1981

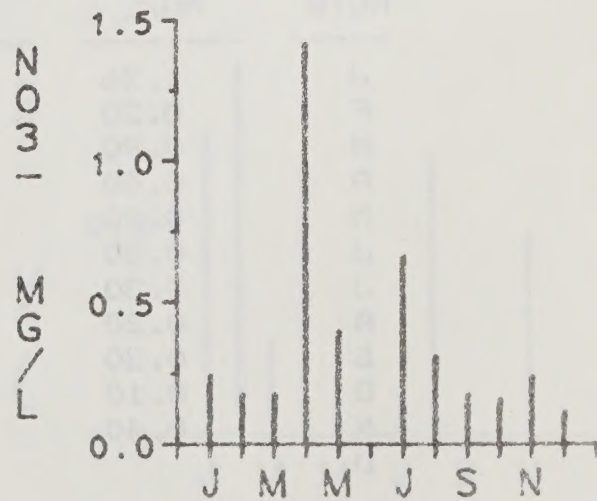
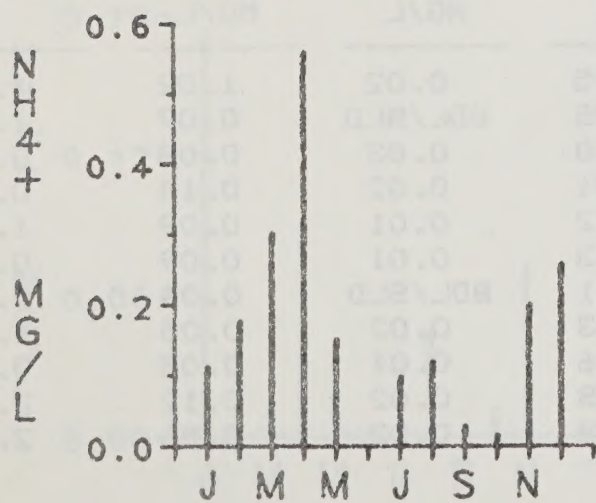
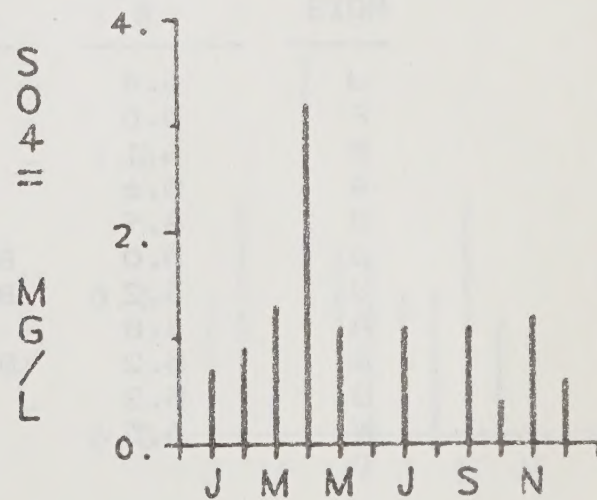
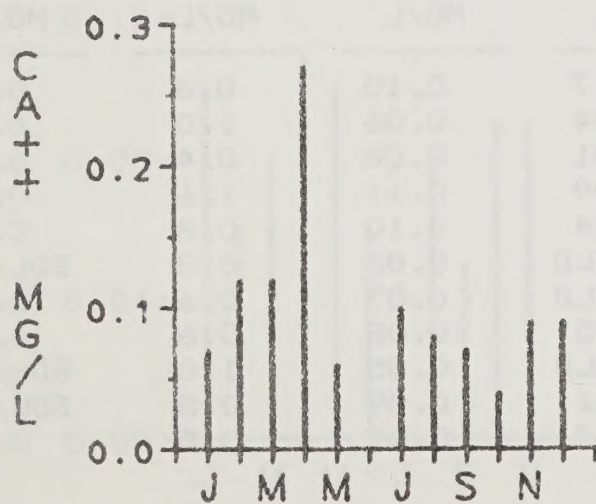
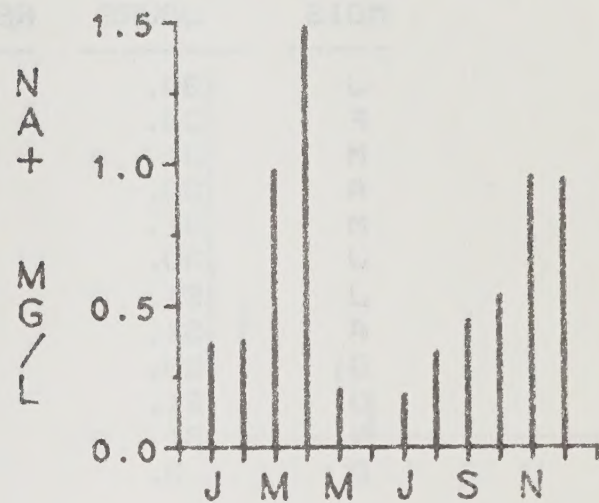
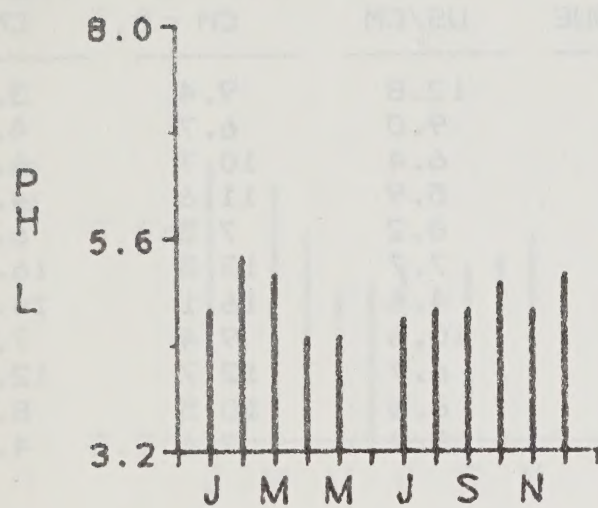
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	29.	1.	11.3	12.1	6.5
F	28.	1.	7.7	4.0	3.7
M	32.	0.	12.6	19.3	8.7
A	29.	1.	33.2	5.1	2.9
M	31.	12.	15.1	12.7	10.2
J	0.				
J	32.	0.	13.5	6.0	4.3
A	30.	0.	43.0	9.9	8.4
S	30.	0.	12.6	12.3	10.7
O	31.	0.	8.9	20.9	18.7
N	30.	0.	16.1	13.0	8.1
D	32.	12.	14.5	13.0	6.8

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	4.8	0.11	0.07	0.7	0.24
F	5.4	0.18	0.12	0.9	0.18
M	5.2	0.30	0.12	1.3	0.18
A	4.5	0.56	0.27	3.2	1.42
M	4.5	0.15	0.06	1.1	0.40
J					
J	4.7	0.10	0.10	1.1	0.66
A	4.8	0.12	0.08	BDL/SLD	0.31
S	4.8	0.03	0.07	1.1	0.18
O	5.1	0.02	0.04	0.4	0.16
N	4.8	0.20	0.09	1.2	0.24
D	5.2	0.26	0.09	0.6	0.12

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	0.57	0.37	0.04	0.03	1.3
F	0.60	0.38	0.04	0.04	1.1
M	1.90	0.98	0.09	0.05	1.0
A	2.30	1.49	0.17	0.07	1.0
M	0.40	0.21	0.03	0.01	1.4
J					
J	0.40	0.19	0.02	0.07	0.9
A	0.40	0.34	0.04	0.03	
S	0.77	0.45	0.05	0.02	1.0
O	0.86	0.54	0.06	BDL/SLD	1.1
N	5.50	0.96	0.11	0.06	0.5
D	1.40	0.95	0.09	0.09	1.4

GANDER

1981



STATION : GOOSE
 1981

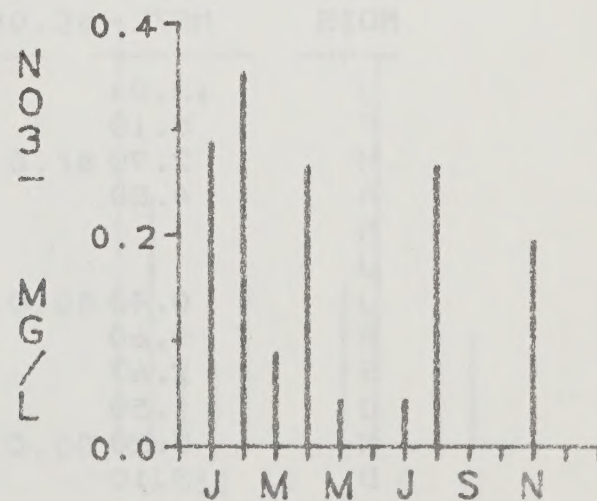
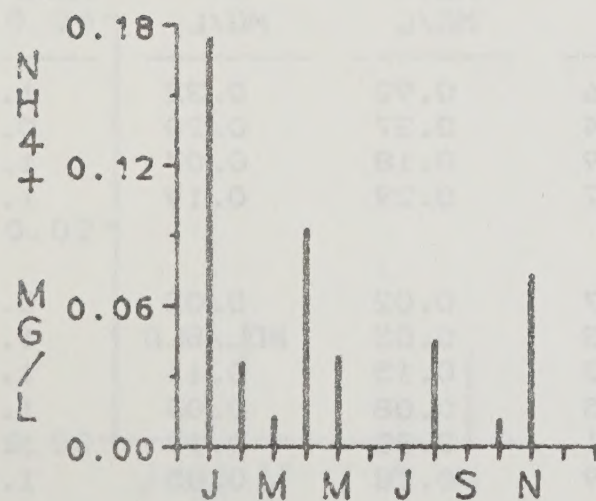
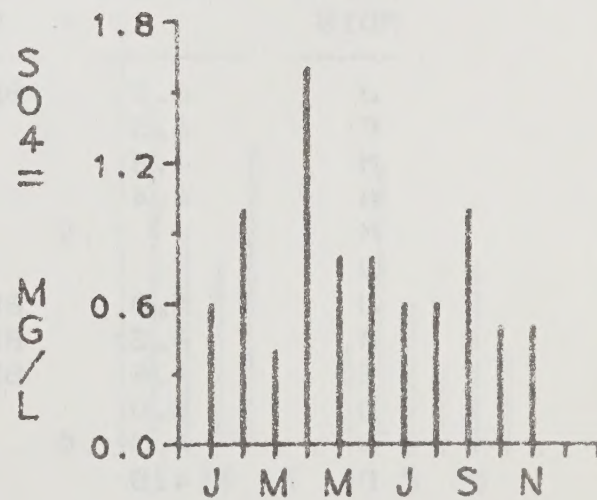
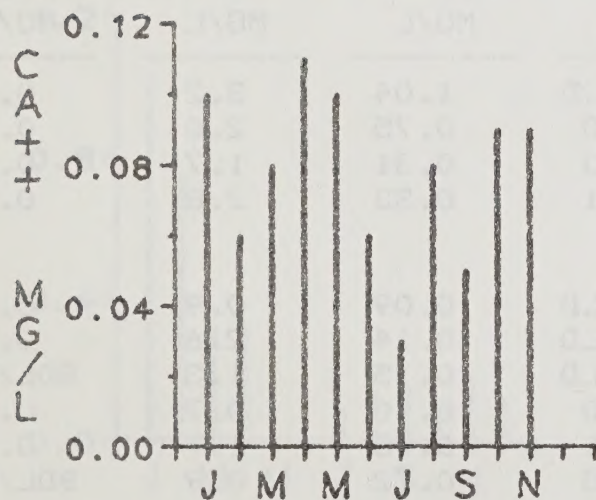
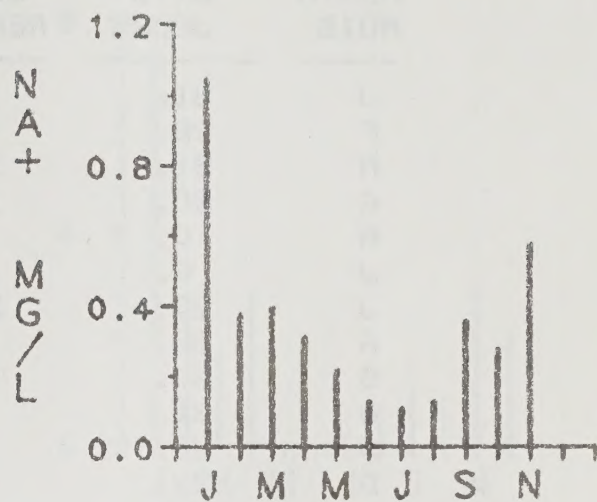
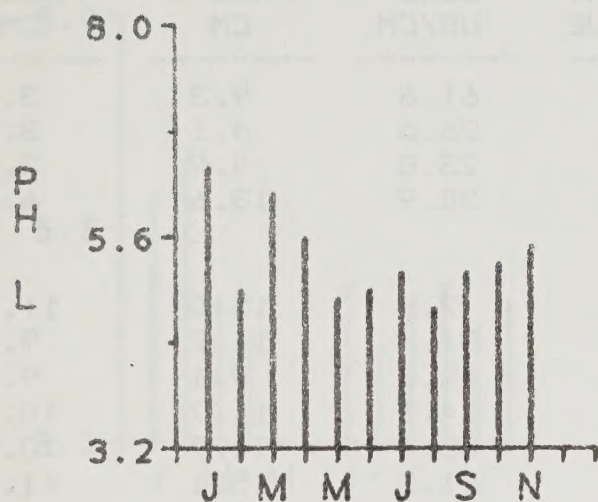
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	30.	1.	12.8	9.4	3.3
F	28.	1.	9.0	6.7	4.3
M	31.	0.	6.4	10.7	6.6
A	30.	0.	5.9	11.6	4.6
M	31.	12.	8.2	7.5	6.7
J	30.	0.	7.7	13.3	16.3
J	31.	2.	4.4	16.1	14.4
A	31.	2.	10.6	9.4	7.9
S	30.	0.	6.7	12.7	12.7
O	31.	0.	6.3	10.5	8.7
N	31.	0.	8.7	7.6	4.0
D	0.				

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	6.4	0.17	0.10	0.6	0.29
F	5.0	0.04	0.06	1.0	0.35
M	6.1	0.01	0.08	0.4	0.09
A	5.6	0.09	0.11	1.6	0.27
M	4.9	0.04	0.10	0.8	0.04
J	5.0	BDL/SLD	0.06	0.8	BDL/SLD
J	5.2	BDL/SLD	0.03	0.6	0.04
A	4.8	0.05	0.08	0.6	0.27
S	5.2	BDL/SLD	0.05	1.0	BDL/SLD
O	5.3	0.01	0.09	0.5	BDL/SLD
N	5.5	0.07	0.09	0.5	0.19
D					

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	1.26	1.05	0.02	1.02	1.1
F	0.20	0.38	BDL/SLD	0.07	1.0
M	0.90	0.40	0.03	0.03	0.7
A	0.40	0.31	0.02	0.14	0.6
M	0.30	0.22	0.01	0.09	1.3
J	0.30	0.13	0.01	0.09	0.9
J	0.30	0.11	BDL/SLD	0.04	0.7
A	0.20	0.13	0.02	0.05	1.4
S	0.30	0.36	0.01	0.05	0.9
O	0.10	0.28	0.02	0.12	2.0
N	0.40	0.58	0.02	0.56	2.1
D					

GOOSE

1981



STATION : STEPHENVILLE
1981

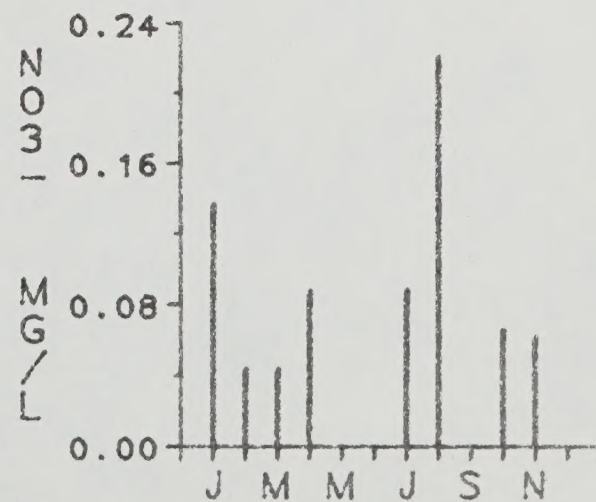
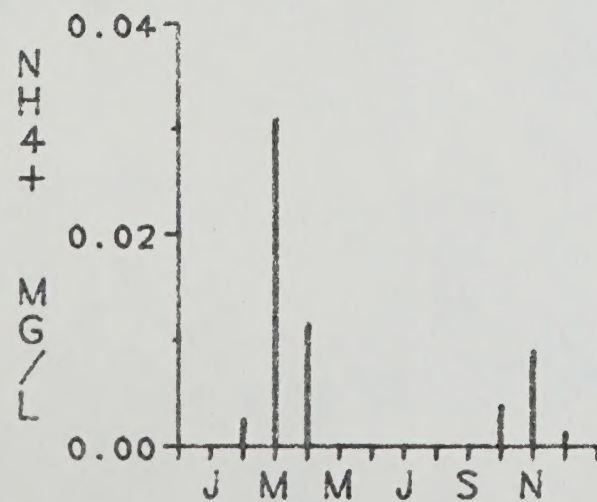
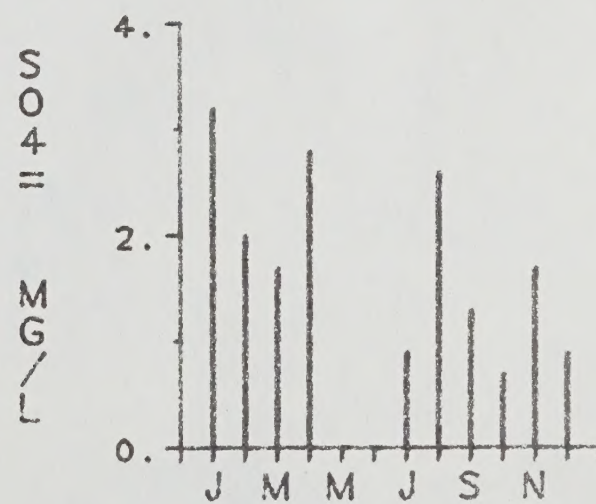
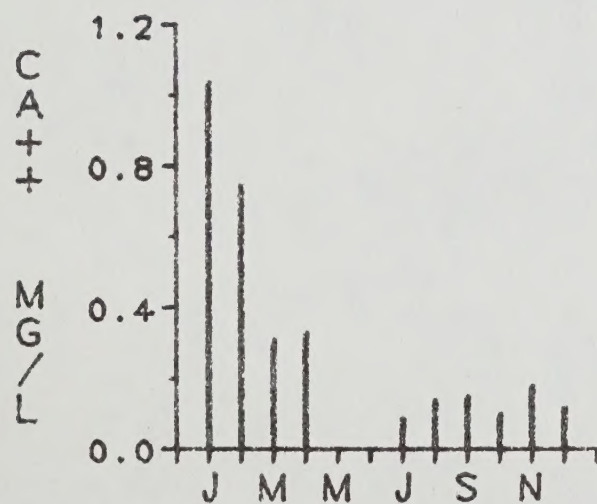
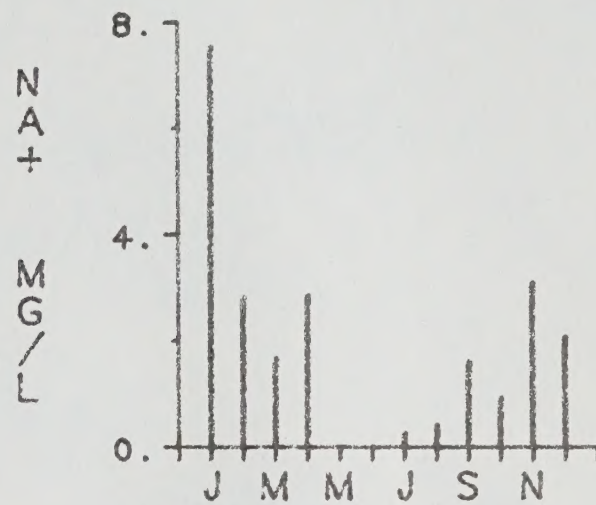
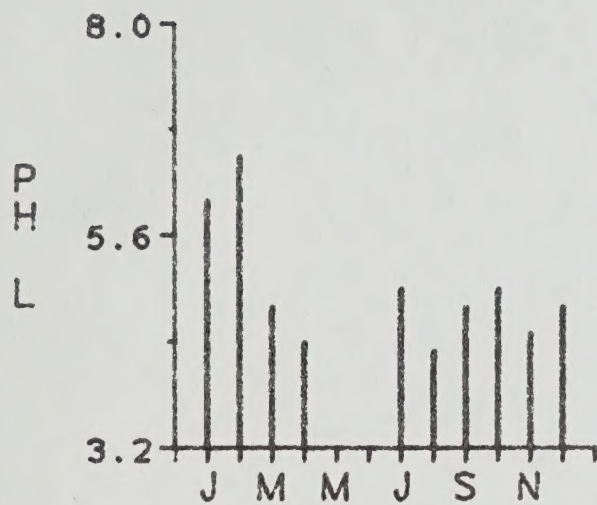
MONTH MOIS	DAYS JOURS	COMMENT REMARQUE	COND US/CM	PREC S CM	PREC C CM
J	31.	1.	61.6	9.3	3.2
F	28.	2.	26.5	4.1	3.1
M	31.	12.	23.8	4.9	3.3
A	30.	12.	38.9	13.6	6.8
M	0.				
J	0.				
J	29.	27.	7.8	13.0	11.9
A	30.	0.	31.3	11.2	9.3
S	30.	0.	19.3	9.1	9.4
O	31.	0.	14.1	11.7	10.2
N	30.	0.	35.3	11.7	10.6
D	32.	0.	21.3	15.1	11.1

MONTH MOIS	PH L	NH4+ MG/L	CA++ MG/L	SO4 = MG/L	NO3- MG/L
J	6.0	BDL/SLD	1.04	3.2	0.14
F	6.5	0.00	0.75	2.0	0.04
M	4.8	0.03	0.31	1.7	0.04
A	4.4	0.01	0.33	2.8	0.09
M					
J					
J	5.0	BDL/SLD	0.09	0.9	0.09
A	4.3	BDL/SLD	0.14	2.6	0.22
S	4.8	BDL/SLD	0.15	1.3	BDL/SLD
O	5.0	0.00	0.10	0.7	0.07
N	4.5	0.01	0.18	1.7	0.06
D	4.8	0.00	0.12	0.9	BDL/SLD

MONTH MOIS	CL- MG/L	NA+ MG/L	MG++ MG/L	K+ MG/L	IONB +/-
J	13.04	7.56	0.92	0.32	1.0
F	5.10	2.84	0.37	0.20	0.9
M	2.90	1.69	0.18	0.07	1.0
A	4.80	2.87	0.29	0.19	1.1
M					
J					
J	0.40	0.27	0.02	0.02	0.9
A	0.60	0.43	0.03	BDL/SLD	1.1
S	2.67	1.62	0.15	0.11	1.1
O	1.50	0.95	0.08	0.04	1.1
N	5.20	3.11	0.33	0.11	1.1
D	3.10	2.09	0.18	0.05	1.2

STEPHENVILLE

1981



Trois noires silhouettes
Qui font le temps
Dans la tradition populaire, le mythe, la légende,
Triple épreuve.
Śiva, Vishnou, Brahmâ.
Le Père, le Fils et le Saint-Esprit.
Corps, esprit, âme.
Trinité, triumvirat, tribunal.
Un, la solitude
Deux, la division
Trois, la paix.
Trois, le tourment.
Trois, le pouvoir.
Pouvoir, pouvoir, pouvoir.
Air, feu, eau.
Trois noires silhouettes
Qui font le temps.

Ron Baird, Sculptor
 (Trad: F. Jaubert)

Three Dark Figures
Making the Weather
In Folk, in Myth, in Legend,
A threefold test.
Shiva, Vishnu, Brahmin.
Father, Son, Holy Ghost.
Body, Mind, Spirit.
Triune, Triumvirate, Tribunal.
One is Isolate
Two is divisive
Three is Peace.
Three is Torment.
Three is Potent.
Power, Power, Power.
Air, Fire, Water.
Three Dark Figures,
Making the Weather.

Ron Baird, Sculptor

Cover Photograph : N.B.A. Trivett
 Photographie de la Couverture : N.B.A. Trivett